Internal Use Only

website:http://biz.LGservice.com



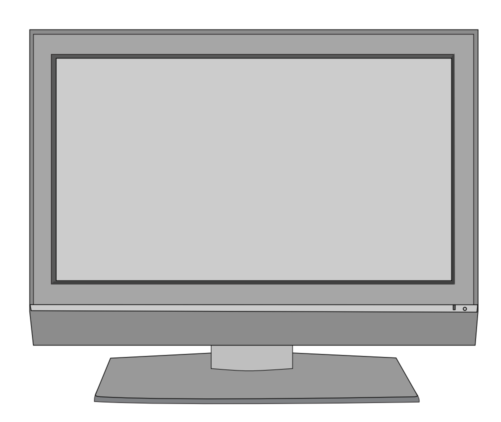
PLASMA TV
MANUAL DE SERVICIO

CHASIS : PP78C

MODELO : 32PC5RVH 32PC5RVH-MF

ATENCIÓN

Antes de dar servicio al chasis, lea las PRECAUCIONES DE SEGURIDAD en este manual.



CONTENIDO

PRECAUCIONES DE SEGURIDAD

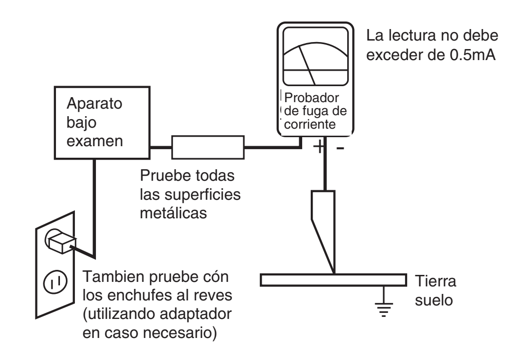
ADVERTENCIA: Antes de dar servicio a este chasis, lea "PRECAUCIONES RESPECTO A RADIACION POR RAYOS X", "INSTRUCCIONES DE SEGURIDAD" y "AVISO SOBRE SEGURIDAD DE PRODUCTOS"

INSTRUCCIONES DE SEGURIDAD

1. Cuando el receptor está en operación, se producen voltajes potencialmente tan altos como 25,000-29,000 voltios. Operar el receptor fuera de su gabinete o con la tapa trasera removida puede causar peligro de choque eléctrico.
   (1) Nadie debe intentar dar servicio si no está debidamente familiarizado con las precauciones que son necesarias cuando se trabaja con un equipo de alto voltaje.
   (2) Siempre descargue el ánodo del tubo de la imagen a tierra para evitar el riesgo de choque eléctrico antes de remover la tapa del ánodo.
   (3) Descargue completamente el alto potencial del tubo de imagen antes de manipularlo. El tubo de la imagen es de alto vacío y, si se rompe, los fragmentos de vidrio salen despedidos violentamente.
2. Si se quemara algún fusible de este receptor de televisión, reemplácelo con otro especificado en la lista de partes.
3. Cuando reemplace tableros o plaquetas de circuitos, cuidadosamente enrolle sus alambres alrededor de las terminales antes de soldar.
4. Cuando reemplace un resistencia de vataje (resistor de película de óxido metálico) en el Tablero o Plaqueta de circuitos, mantenga la resistencia a un mínimo de 10mm de distancia.
5. Mantenga los alambres lejos de componentes de alto voltaje o de alta temperatura.
6. Este receptor de televisión debe conectarse a una fuente de 100 a 240 V AC.
7. Antes de devolver este aparato al cliente, haga una verificación de fuga de corriente sobre las partes metálicas del gabinete expuestas, tales como antenas, terminales, cabezas de tornillos, tapas de metal, palancas de control etc., para estar seguro de que el equipo funciona sin peligro de choque eléctrico. Enchufe el cordón directamente al tomacorriente de la línea de AC 100-240V.

No utilice una línea aislada de transformador durante esta verificación. Use un voltímetro de 1000 Ohmios por voltio de sensibilidad o más, en la forma que se describe a continuación.

Cuando la unidad está ya conectada a la AC, pulse el conmutador primero poniéndolo en "ON" (encendiendo) y luego en "OFF" (apagando), mida desde un punto de tierra conocido, tal como una (cañería de metal, una manija metálica, una tubería etc.) a todas las partes metálicas expuestas del receptor de televisión (antenas, manijas de metal, gabinetes de metal, cubiertas de metal, palancas de control etc.,) especialmente cualquiera de las partes metálicas expuestas que puedan ofrecer un camino hacia el chasis. Ninguna medición de corriente eléctrica debe exceder de 0.5 miliamperios. Repita la prueba cambiando la posición del enchufe en el tomacorriente. Cualquier medición que no esté dentro de los límites especificados aquí representan un riesgo potencial de choque eléctrico que debe ser eliminado antes de devolver el equipo al cliente.



AVISO SOBRE SEGURIDAD DE PRODUCTOS

Muchas de las partes, electricas y mecánicas en este chasis tienen caracteristicas relacionadas con la seguridad. Estas caracteristicas frecuentemente pasan desapercibidas en las inspecciones visuales y la proteccion que proporcionan contra la RADIACION DE RAYOS-X no siempre necesariamente se obtiene al mismo grado cuando se reemplazan piezas o componentes diseñados para voltajes o vatajes mayores, etc. Las piezas que tienen estas caracteristicas de seguridad se identifican por la marca ⚠ impresa sobre el diagrama esquematico y la marca ★ impresa en la lista de partes. Antes de reemplazar alguno de esos componente, lea cuidadosamente la lista de este manual. El uso de partes de reemplazo que no tengan las mismas caracteristicas de seguridad, como se especifica en la lista de partes, puede crear Radiacion de Rayos-X.

INSTRUCCIONES DE AJUSTE

1. Objeto de Aplicación

Estas instrucciones se aplican a todos los televisores PDP con chasis PP78C.

2. Notas

(1) Dado que no se trata de un chasis caliente, no es necesario utilizar un transformador de aislamiento.
Sin embargo, si lo utiliza, ayudará a proteger el equipo de prueba.

(2) Los ajustes se deben realizar en el orden adecuado.

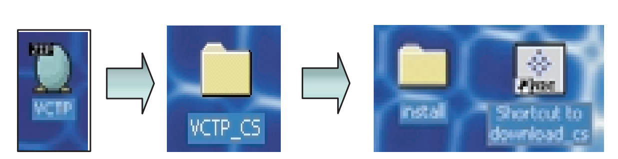
(3) A menos que se especifique lo contrario, los ajustes se deben realizar en un entorno con una temperatura ambiente de 25±5°C y una humedad relativa de 65±10%.

(4) La tensión de entrada del receptor durante el ajuste debe mantenerse en 100~220V, 50/60Hz.

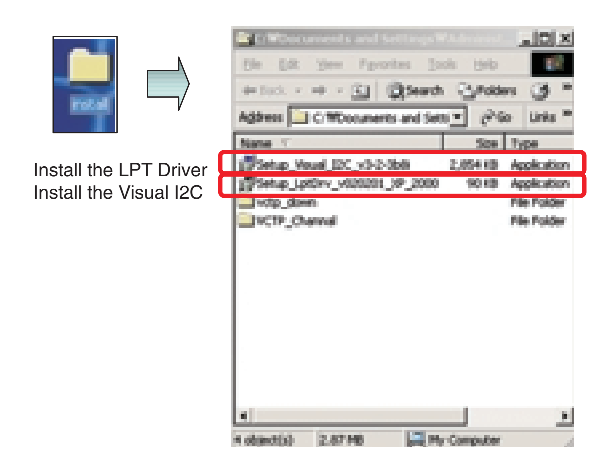
(5) El receptor se debe poner en funcionamiento durante 30 minutos antes de realizar los ajustes.

3. Descargar instalación del programa

(1) Extraer un archivo Zip



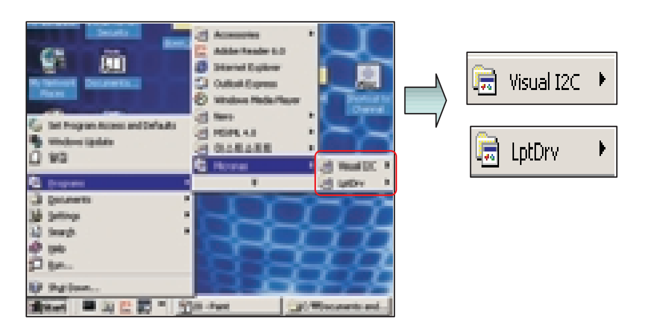
(2) Instalación del controlador Visual I2C y LPT



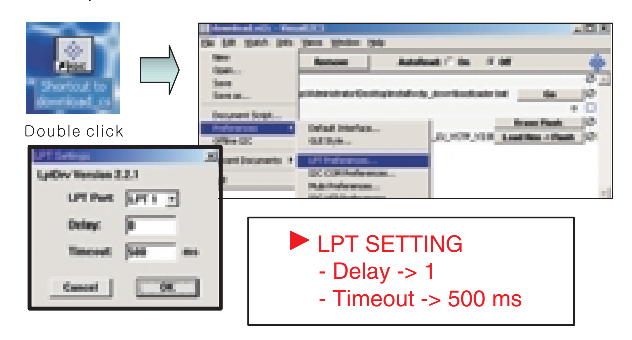
LPT Port Driver (LptDrv) Setups : Program Files>Micronas>Visual I2C>Port_Driver

- ▶ Use for Windows 95/98 : Setup _LptDrv_v0104_9x.exe
- ▶ Use for Windows 2000/XP : Setup_LptDrv_v0202_XP_2000.exe
- ▶ Use for Windows NT : Setup_LptDrv_v0104_NT.exe

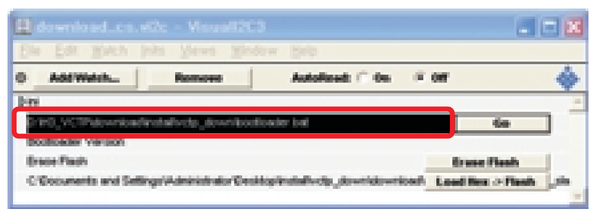
(3) Verificación (Inicio>Programas>Micronas>Visual I2C o LptDrv)



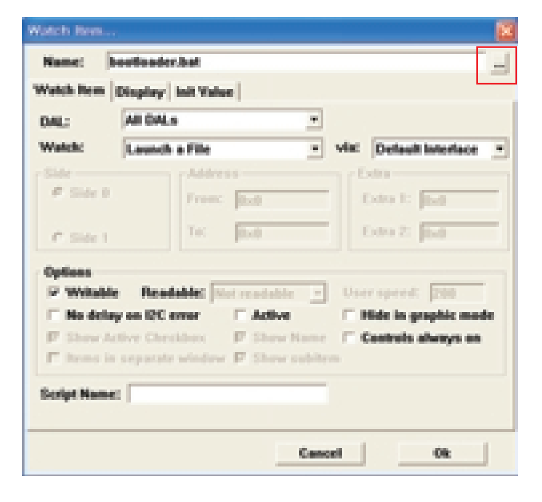
(4) Ajuste de demora LPT (Archivo>Preferencia>preferencias LPT...)



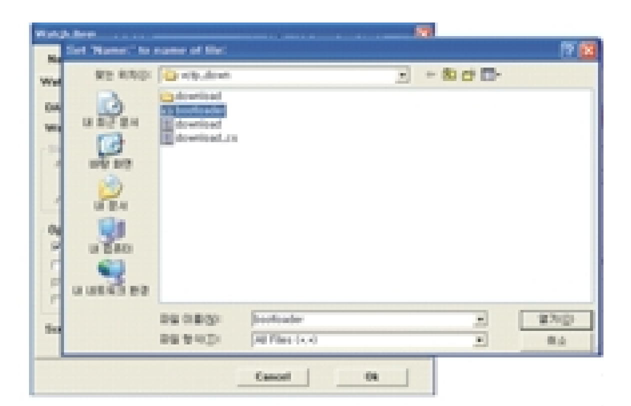
(5) Intercambie el archivo bootloader.bat



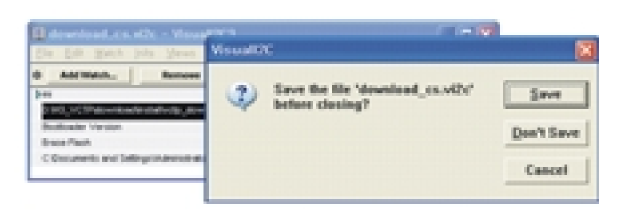
▶ Double click the Red



▶ Double click the Red



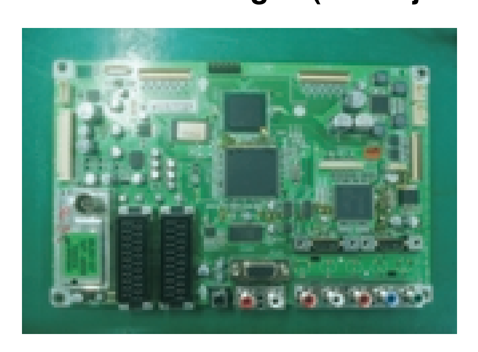
► eleccione el archivo "Bootloader.bat".
(Instalar > VCTP_download > Bootloader)
► Presione “OK”



► Finalice el programa, tras guardar el archivo “download_cs.vi2c ”

4. Descarga del programa de SW

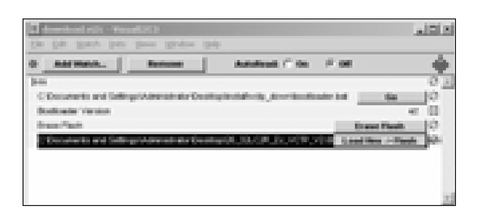
4-1. Método de descarga1 (montaje de la PCI)



(1) Conecte el adaptador de descarga de la toma D-sub.
(2) Ejecute el programa ‘Download.vi2c’ en el PC, mediante el que se abrirá una ventana principal.



Double click



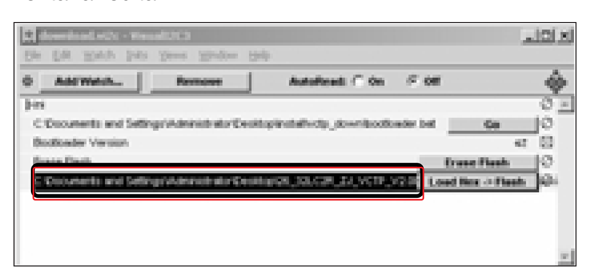
(3) Haga doble clic en el cuadro rojo y confirme que la “Versión del Bootloader” es la 42.



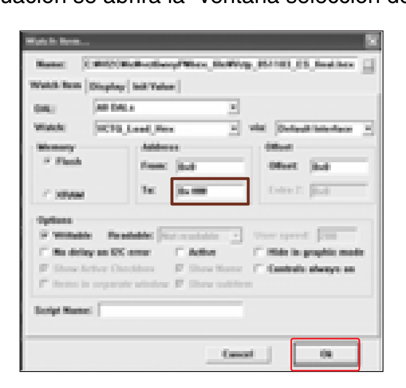
(4) Haga clic en el botón “Borrar Flash”



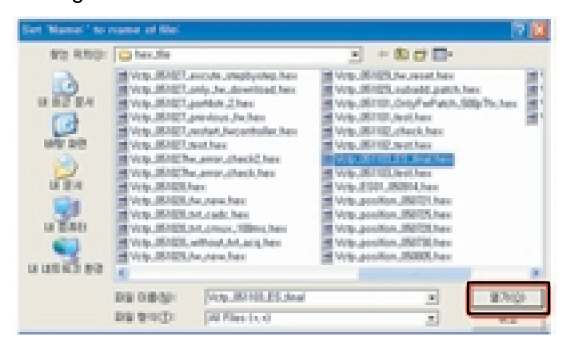
(5) Haga doble clic en el archivo descargado y se abrirá la ventana “editar”.



(6) Haga clic en el botón de selección de la “ventana editar”; a continuación se abrirá la “ventana selección de archivo”



(7) Seleccione el archivo Hex en la carpeta y ejecute la descarga haciendo clic en el botón “abrir”.



(8) Haga clic en el botón OK en la “ventana editar”

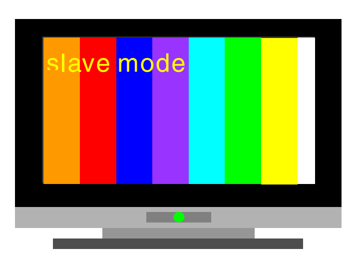
(9) Bajo el proceso de descarga



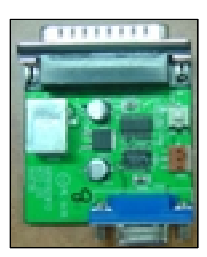
(10) Si la descarga falla, por ejemplo “Sin reconocimiento del equipo esclavo”, ejecute de nuevo la descarga en (1)

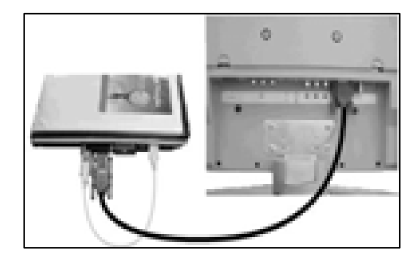
4-2. Método de descarga 2 (SET)

(1) Presione el botón “Tilt” y ajuste el mando a distancia; después el PDP cambiará al “modo esclavo”

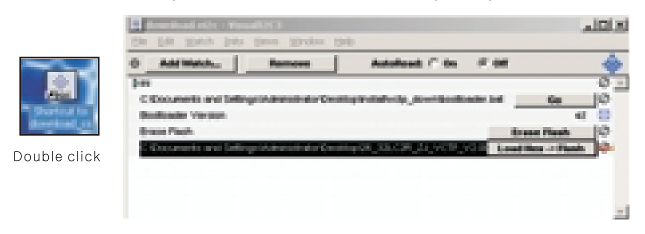


(2) Conecte el adaptador a la TV mediante un cable D-sub

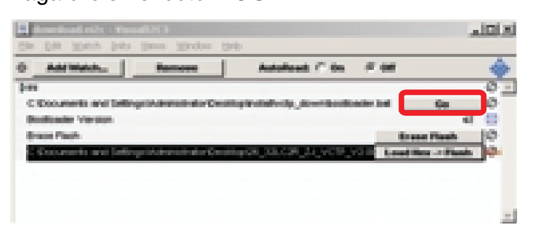


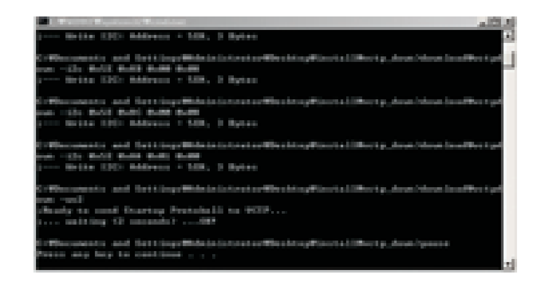


(3) Ejecute el programa ‘Download_CS.vi2c’ en el PC, mediante el que se abrirá una ventana principal.


Double click

(4) Haga clic en el botón “GO”.



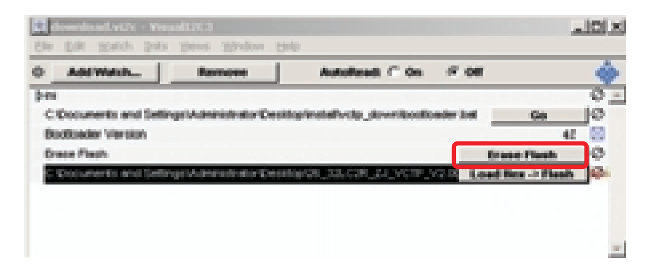


Si no presiona “GO”, el archivo Hex no será descargado, pese a que la descarga continuará aparentemente de forma normal.

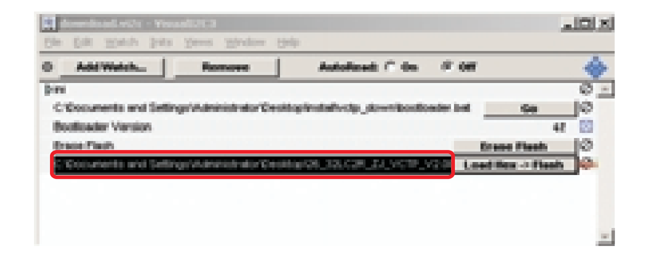
(5) Haga doble clic en el cuadro azul y confirme que la “Versión del Bootloader” es la 42.



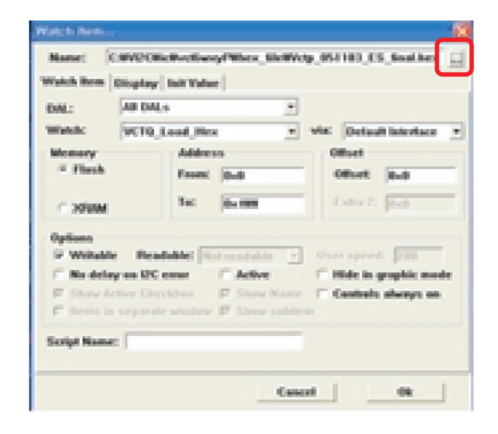
(6) Haga clic en el botón “Borrar Flash”



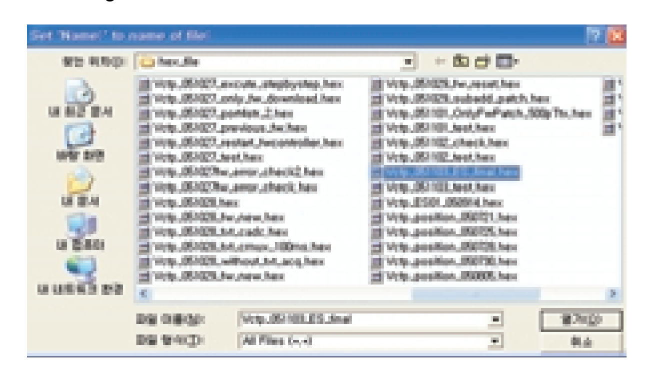
(7) Haga doble clic en el archivo descargado y se abrirá la ventana “editar”.



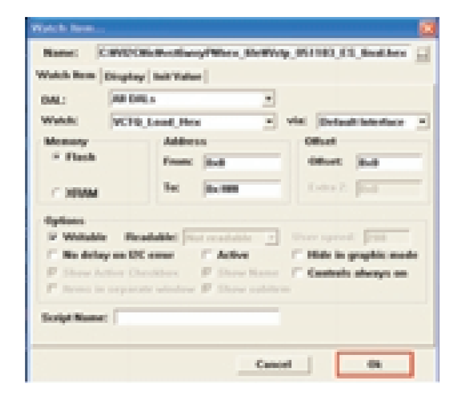
(8) Haga clic en el botón de selección de la “ventana editar”; a continuación se abrirá la ventana ‘selección de archivo’



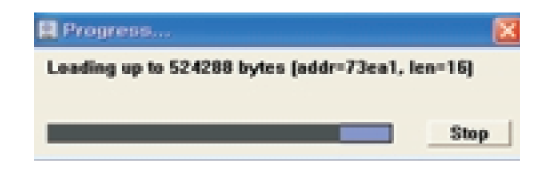
(9) Seleccione el archivo Hex en la carpeta y ejecute la descarga haciendo clic en el botón “abrir”.



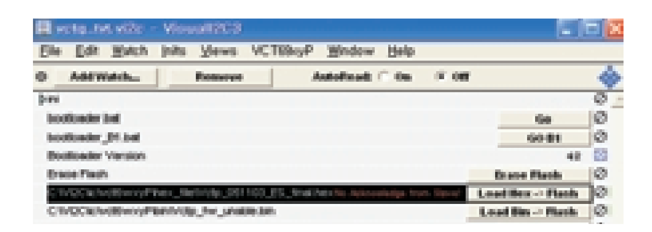
(10) Haga clic en el botón OK en la “ventana editar”



(11) Bajo el proceso de descarga



(12) Si la descarga falla, por ejemplo “Sin reconocimiento del equipo esclavo”, ejecute de nuevo la descarga en (1)



Cada Montaje de la PCB debe ser verificado por la Unidad del JIG de Verificación antes del montaje. (Especialmente, tenga cuidado que el Montaje de la PCB de Alimentación no dañe el Módulo PDP.)

5. Descarga de EDID(Datos de Identificación de Pantalla Extendida)/DDC (Canal de Datos de Pantalla)

※ Cuidado

(1) Utilice el cable de señal adecuado para la descarga EDID.
(2) No conecte nunca la HDMI y el cable D-SUB al mismo tiempo.
(3) Utilice los cables adecuados, a continuación, para la escritura EDID.

For RGB EDID	For HDMI EDID	

[Datos EDID]

Elemento	Estado	Datos Hex
ID del fabricante	GSM	1E6D
Versión	Digital : 1	01
Revisión	Digital : 3	03

<Conjunto analógico de DATOS EDID DATA: 128 bytes>

Addr	00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F
0000	00	FF	FF	FF	FF	FF	FF	00	1E	6D	ⓐ		ⓑ			
0010	ⓒ		01	03	08	46	27	78	0A	D9	B0	A3	57	49	9C	25
0020	11	49	4B	A1	08	00	31	40	01	01	01	01	45	40	01	01
0030	61	40	01	01	01	01	D5	09	80	A0	20	E0	2D	10	08	60
0040	22	00	98	06	32	08	08	18	64	19	00	40	41	00	26	30
0050	18	88	36	00	98	06	32	00	00	18	00	00	00	FD	00	3A
0060	3F	1F	32	09	00	0A	20	20	20	20	20	20	ⓓ			
0070	ⓓ														00	ⓔ

<Conjunto HDMI1 de DATOS EDID DATA: 256 bytes>

Addr	00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F
0000	00	FF	FF	FF	FF	FF	FF	00	1E	6D	ⓐ		ⓑ			
0010	ⓒ		01	03	80	46	27	78	EA	D9	B0	A3	57	49	9C	25
0020	11	49	4B	81	08	00	01	01	01	01	01	01	45	40	01	01
0030	61	40	01	01	01	01	D5	09	80	A0	20	E0	2D	10	08	60
0040	22	00	98	06	32	08	08	18	64	19	00	40	41	00	26	30
0050	18	88	36	00	98	06	32	00	00	18	00	00	00	FC	00	4C
0060	47	20	54	56	0A	20	20	20	20	20	20	20	ⓓ			
0070	ⓓ														01	ⓔ
0080	02	03	20	F1	40	01	06	07	15	16	02	03	11	12	13	04
0090	14	85	23	09	07	07	83	01	00	00	65	03	0C	00	10	00
00A0	01	1D	00	80	51	D0	1C	20	40	80	35	00	BC	88	21	00
00B0	00	1E	8C	0A	D0	8A	20	E0	2D	10	10	3E	96	00	13	8E
00C0	21	00	00	18	01	1D	80	18	71	1C	16	20	58	2C	25	00
00D0	C4	8E	21	00	00	9E	00	00	00	00	00	00	00	00	00	00
00E0	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
00F0	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	ⓔ

<Conjunto HDMI2 de DATOS EDID DATA: 256 bytes>

Addr	00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F
0000	00	FF	FF	FF	FF	FF	FF	00	1E	6D	ⓐ		ⓑ			
0010	ⓒ		01	03	80	46	27	78	EA	D9	B0	A3	57	49	9C	25
0020	11	49	4B	81	08	00	01	01	01	01	01	01	45	40	01	01
0030	61	40	01	01	01	01	D5	09	80	A0	20	E0	2D	10	08	60
0040	22	00	98	06	32	08	08	18	64	19	00	40	41	00	26	30
0050	18	88	36	00	98	06	32	00	00	18	00	00	00	FC	00	4C
0060	47	20	54	56	0A	20	20	20	20	20	20	20	ⓓ			
0070	ⓓ														01	ⓔ
0080	02	03	20	F1	40	01	06	07	15	16	02	03	11	12	13	04
0090	14	85	23	09	07	07	83	01	00	00	65	03	0C	00	10	00
00A0	01	1D	00	80	51	D0	1C	20	40	80	35	00	BC	88	21	00
00B0	00	1E	8C	0A	D0	8A	20	E0	2D	10	10	3E	96	00	13	8E
00C0	21	00	00	18	01	1D	80	18	71	1C	16	20	58	2C	25	00
00D0	C4	8E	21	00	00	9E	00	00	00	00	00	00	00	00	00	00
00E0	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
00F0	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	ⓔ

- Las opciones de detalles EDID son las siguientes(ⓐ, ⓑ, ⓒ, ⓓ, ⓔ)

ⓐ ID del producto

Model Name	Product ID		
	DEC	HEX	EDID table
32PC5R	30168 (A)	75D8	D875
	30169 (D)	75D9	D975
32PC5I	30176 (A)	75E0	E075
	30177 (D)	75E1	E175

ⓑ Nº de serie
=> Controlado en la línea de producción

ⓒ Mes, año
=> Controlado en la línea de producción:
Ej.) Mensualmente: '03' -> '03'
Año: '2005' -> '0F'

ⓓ Nombre del modelo: nombre del modelo => LG TV

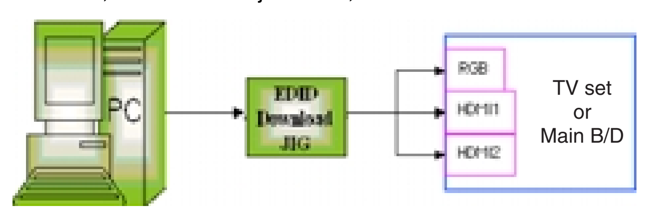


Model Name	Model Name(HEX)																
32PC5RV	00	00	00	FD	00	3A	3F	1F	32	09	00	0A	20	20	20	20	20	20

ⓔ Suma de verificación (7EH)
=> Modificable mediante el total de datos EDID

5-1. Equipo de Prueba Requerido

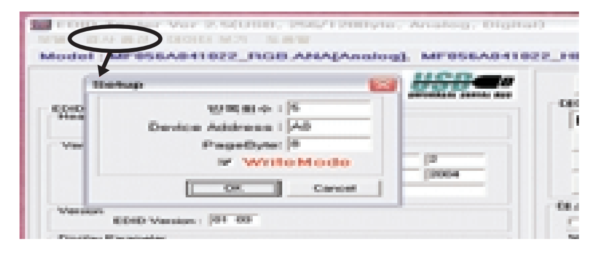
(1) Ajuste del PC con S/W para la escritura de datos EDID.(S/W: EDID TESTER Ver.2.5)
(2) Un adaptador para la descarga EDID
(3) Cable : En serie (9 clavijas o USB) a D-sub 15 clavijas, cable, D-sub 15 clavijas cable, DVI al cable HDMI



(Fig. 1) Diagrama de conexión de la descarga DDC

5-2. Preparación para el ajuste

(1) Como en la anterior (Fig. 1), Conecte el equipo, el adaptador de descarga EDID, el PC y el cable
(2) Encienda el PC y el adaptador de descarga EDID. Y ejecute el S/W : EDID TESTER Ver.2.5
(3) Configure la opción de S/W
Nº de repetición: 5
Dirección del dispositivo: A0
Bytes por página: 8



(4) Encienda el equipo

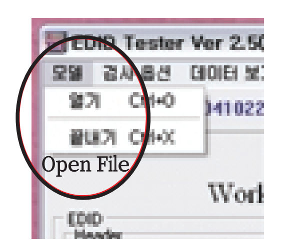
5-3. Secuencia de ajuste

Datos DDC de RGB analógico

(1) Inicie los datos



(2) Suba los datos EDID. (Abrir archivo).



[RGB analógico : PP78C_RGB.ANA]

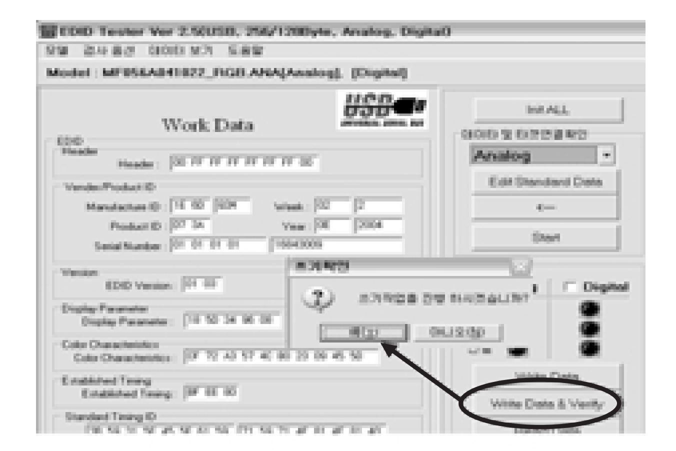
[Digital – HDMI1: PP78C_HDMI1.DVI]

[Digital – HDMI2: PP78C_HDMI2.DVI]

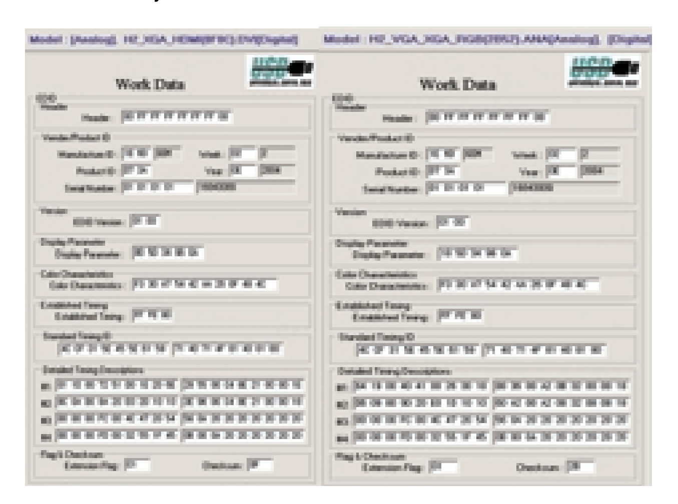
(3) Configure el S/W como se detalla a continuación.



(4) Presione el botón “Escribir datos y verificar”. Y confirme seleccionando “Sí”.



(5) Si ha completado el proceso de escritura, podrá observar el mensaje “OK”.



6. Ajuste del Balance de Blancos

6-1. Finalidad y principios del ajuste de la temperatura del color

(1) Finalidad: ajuste la temperatura del color para reducir la desviación de ésta del módulo.
(2) Principio: para ajustar el balance de blancos sin saturación, fije el de la ganancia R/G/B a 80 y reduzca los demás.

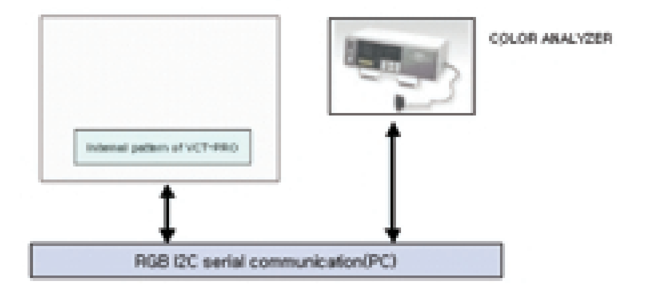
6-2. Modo de ajuste

Dos modos de Frío y Calor
(los datos medios se calibran automáticamente mediante los datos de frío)

6-3. Equipo de Prueba Requerido

(1) Mando a distancia para realizar el ajuste
(2) Analizador de color : CA-100+ o CA-210, o un producto similar - PLASMA TV (ch: 10)
(3) Instrumental de ajuste B/N automático (solo para el Ajuste automático)

6-4. Diagrama de conexión del equipamiento de medición (para el Ajuste automático)



(1) Entrar en el modo de ajuste del balance de blancos
1) Entre simultáneamente en el modo de ajuste del balance de blancos y en el de calentamiento al presionar la tecla Power.
2) Mantenga el modo de ajuste del balance de blancos con el mismo estado de Calentamiento -> Mantenimiento tras el encendido/apagado del AC en estado de calentamiento en la pantalla modelo.

(2) Salir del modo de ajuste del balance de blancos
1) Salga del modo de ajuste tras encender/apagar el modo en espera o la CA tras haber finalizado el modo de calentamiento.
2) Salga del modo de ajuste cuando el equipamiento de ajuste reciba el comando AGING-OFF (F3 00 00).
3) Es necesario transmitir el comando AGING-OFF a la TV una vez completado el ajuste.

● Coordenadas y temperatura del color estándar al utilizar el equipamiento CA-100+ ó CA210.

Modo	Coordinación de color		Temp.	△uv
	X	Y		
Frío	0.276±0.003	0.283±0.003	11,000K	0.000
Medio	0.285±0.003	0.293±0.003	9,300K	0.000
Calor	0.313±0.003	0.329±0.003	6,500K	0.003

● Relación de sincronización entre PSM y CSM

PSM	CSM	Observaciones
Dinámica	Frío	
Estándar	Normal	
Suave	Calor	

(3) Establecer el comando de ajuste DDC

Ajuste	CMD(HEX)	ADR	VALOR	Detalle
Aging On/Off	F3	00	FF/00	OO : DESAC. 01 : ACT. FF : WB Ready
Selección de entrada	F4	00		0x10 : TV 0x20 : AV1 0x21 : AV2 0x23 : AV3 0x40 : componente 1 0x50 : RGB DTV 0x60 : RGB PC 0x90 : HDMI1 DTV
R GAIN	16	00	00 - FE	Ajuste de GANANCIA CSM FRÍO
G GAIN	18		00 - FE	
B GAIN	1A		00 - FE	
R GAIN	16	01	00 - FE	Ajuste de GANANCIA CSM NORMAL
G GAIN	18		00 - FE	
B GAIN	1A		00 - FE	
R GAIN	16	02	00 - FE	Ajuste de GANANCIA CSM CÁLIDA
G GAIN	18		00 - FE	
B GAIN	1A		00 - FE	

※ Valor máx. de la GANANCIA R/G/B GAIN: 80

6-5. Ajuste de balance de blancos para el ajuste manual

(1) Modo de ajuste : Dos modos de Frío (dinámico) y Calor (suave)
(los datos medios se calibran automáticamente mediante los datos de frío)

(2) El analizador de color (CA100) debe utilizarse en el canal calibrado por CS-1000. (PDP : CH10)
(3) Opere la calibración cero de CA-110, después coloque el sensor en el módulo durante el ajuste.
(4) El ajuste manual también es posible mediante la siguiente secuencia.

1) Seleccione el patrón de blancos de calentamiento presionando la tecla “POWER ON” en el mando a distancia para el ajuste; después continúe el calentamiento durante más de 15 minutos.
(De no realizar este paso, el estado de B/N variaría notablemente)
2) Cambie al modo AV mediante el mando a distancia (modo AV : av1 ó av2)
3) Mostrar el patrón interno del VCT-Pro IC presionando IN-START.
4) Situar el sensor en el centro de la pantalla y seleccionar cada uno de los elementos (Ganancia y balance de rojo/verde/azul) mediante la tecla ▲/▼(CH +/-) del mando a distancia.
5) Ajuste de la ganancia R/G/B mediante la tecla ◀/▶ (VOL +/-) del mando a distancia.
6) Ajuste de dos modos de Frío (dinámico) y Cálido (suave), como ilustra la siguiente figura.
(Fije una de las ganancias R/G/B y modifique las otras)

1. Presione una vez la tecla In-start : Dinámico (frío)
2. Presione dos veces más la tecla In-start : Suave (cálido)

Modo	Coordinación de color		Temp.	△uv
	X	Y		
Frío	0.276±0.003	0.283±0.003	11,000K	0.000
Medio	0.285±0.003	0.293±0.003	9,300K	0.000
Calor	0.313±0.003	0.329±0.003	6,500K	0.003

※ Consulte la tabla anterior para saber cuál es el valor fijo.

[CASE]
Ajuste primero la coordenada lo más alejada del valor objetivo (x, y).

1. x, y > objetivo
Reduzca la ganancia R, G.

2. x, y < objetivo
1) Reduzca primero la ganancia B,
2) Reduzca una de las otras.
- Si reduce la x, reducirá la R : fije G
- Si reduce la y, reducirá la G : fije R

3. x > objetivo, y < objetivo
1) Primero reduzca la B, para que y sea ligeramente superior al objetivo.
2) Ajuste el valor x mediante la reducción de R

4. x < objetivo, y > objetivo
1) Primero reduzca la B, para que x sea ligeramente superior al objetivo.
2) Ajuste el valor x mediante la reducción de G

7) Una vez finalizado el ajuste, salga del modo de ajuste mediante la tecla EXIT en el mando a distancia.

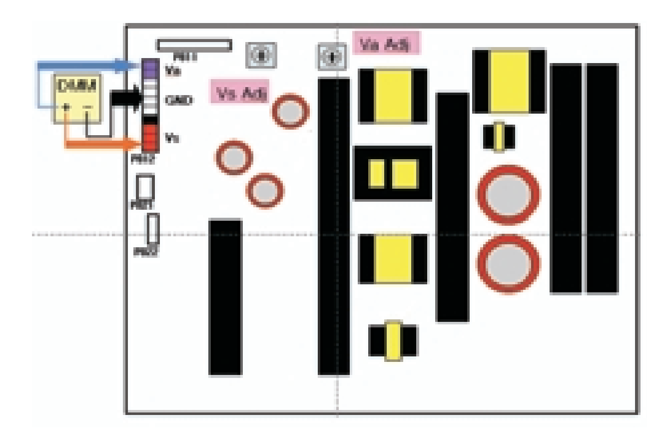
7. Voltaje del montaje de la PCI de POTENCIA Ajuste (ajuste de voltaje Va, Vs)

7-1. Equipo de prueba: DMM 1EA

7-2. Diagrama de conexión para la medición :

Consulte la Fig. 2.

32 pulg. (Vs: VR851, Va: VR901)



(Fig. 2) diagrama de conexión del ajuste de potencia para la medición

7-3. Método de ajuste

Método de ajuste de la placa de distribución

(1) Ajuste Va

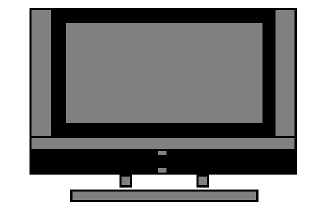
1) Tras recibir un patrón de blancos completo al 100%, proceso de CALENTAMIENTO.
2) Conecte el terminal del D. M..M. a la clavija Va del P812, conecte el terminal a la clavija GND del P812.
3) Tras activar VR901, la tensión del ajuste D.M.M será igual al Va recogido en la etiqueta del panel derecho superior. (desviación; ±0,5V)

(2) Ajuste Vs

1) Conecte el terminal del D. M..M. a la clavija Vs del P812, conecte el terminal a la clavija GND del P812.
2) Tras activar VR951, la tensión del ajuste D.M.M será igual al Vs recogido en la etiqueta del panel derecho superior. (desviación; ±0,5V)

GUÍA PARA SOLUCIONES DE PROBLEMAS

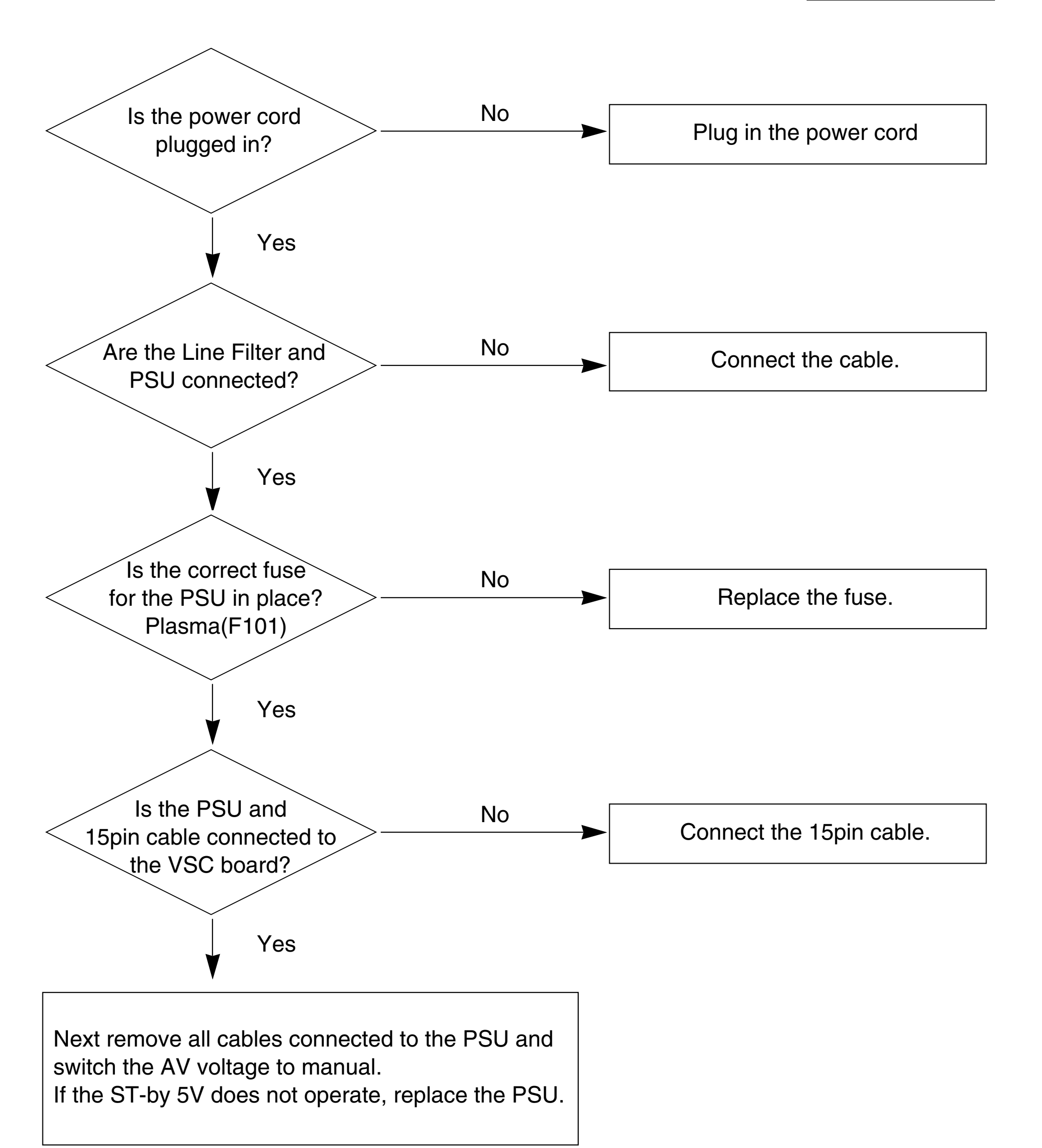
1. No power



(1) Symptom

1) Minute discharge does not occur at module.
2) Front LED does not activate.

(2) Process check

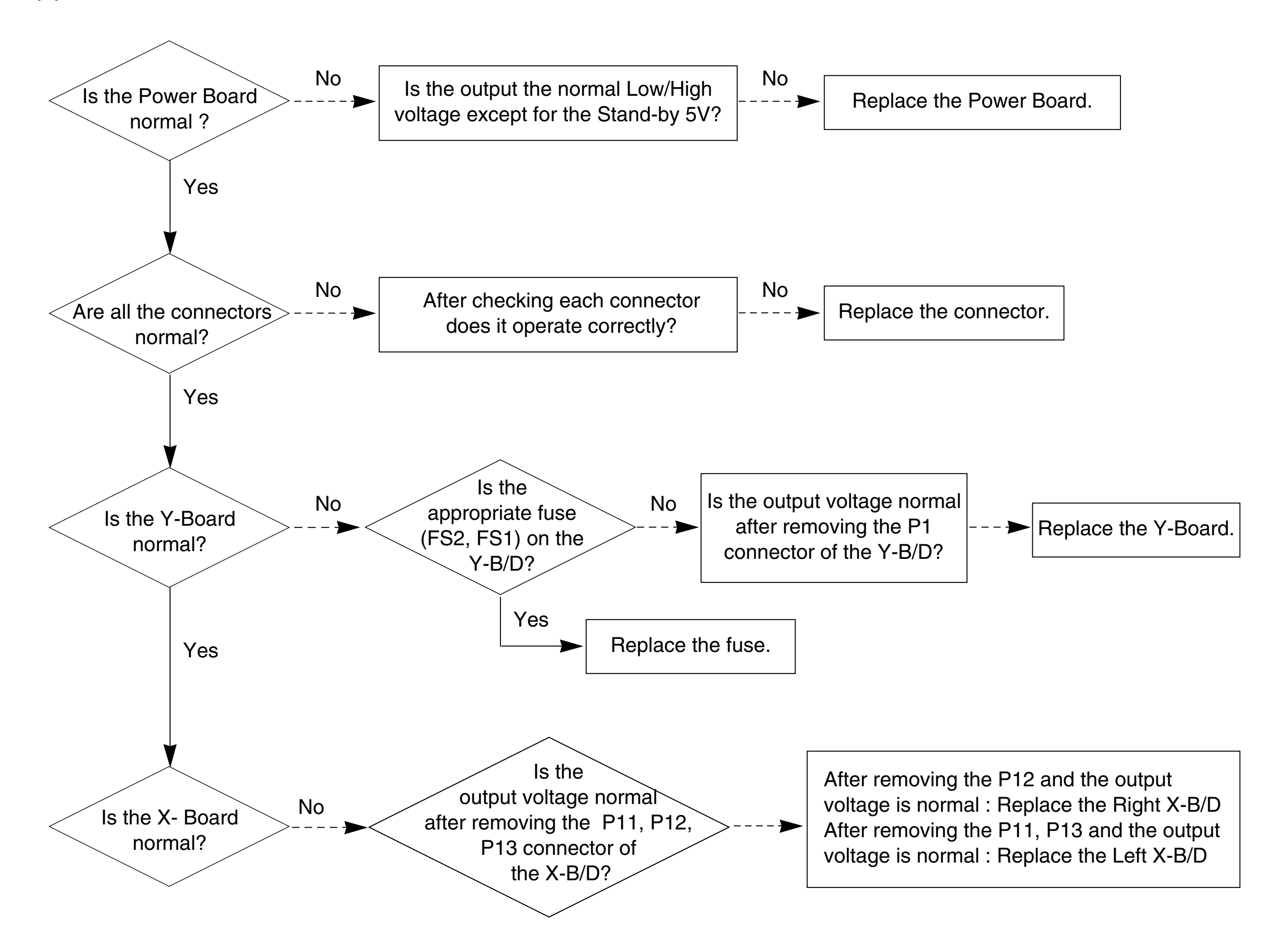


2. Protection mode

(1) Symptom

1) After lighting once it does not discharge minutely from the module.
2) The relay falls.(there is an audible “Click”.)
3) The color of the front LED turns from green to red.

(2) Follow check

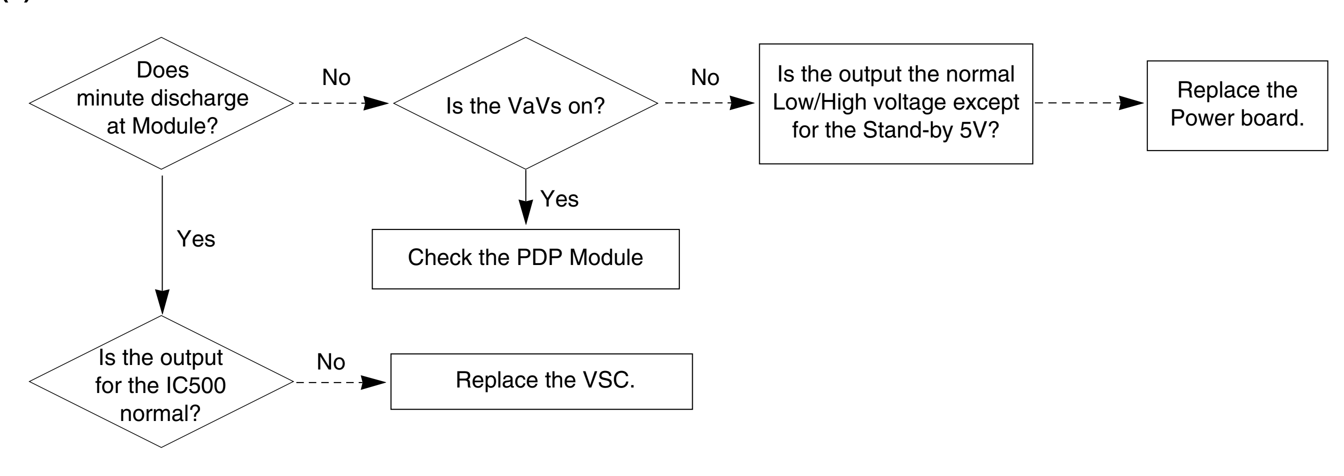


3. No Raster

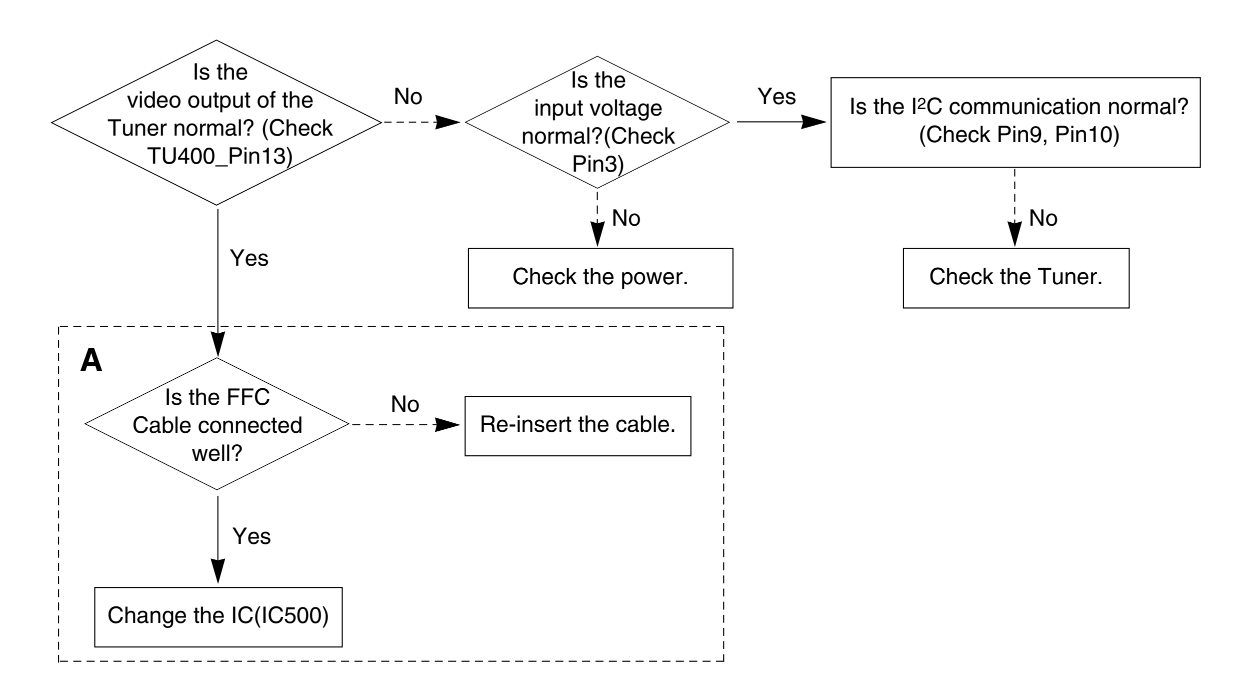
(1) Symptom

1) No OSD or image are displayed on the screen.
2) The front LED remains green.

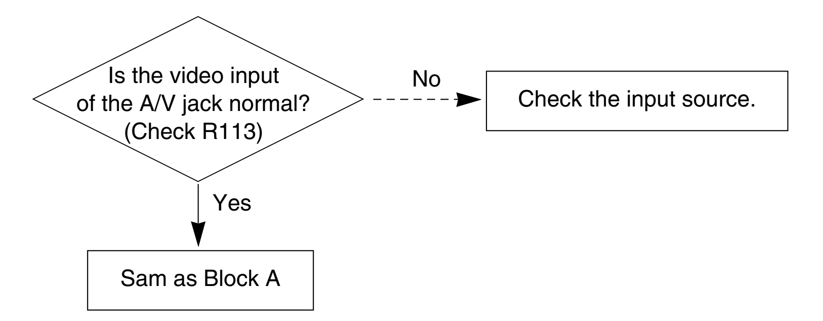
(2) Follow check



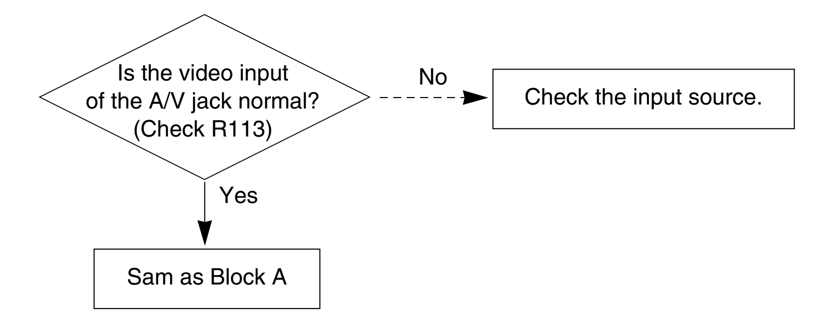
4. In the case of an unusual display in RF mode.



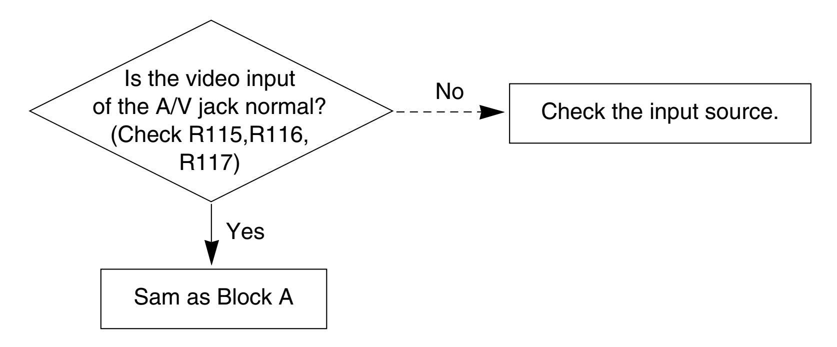
5. In the case of an unusual display in rear AV mode.



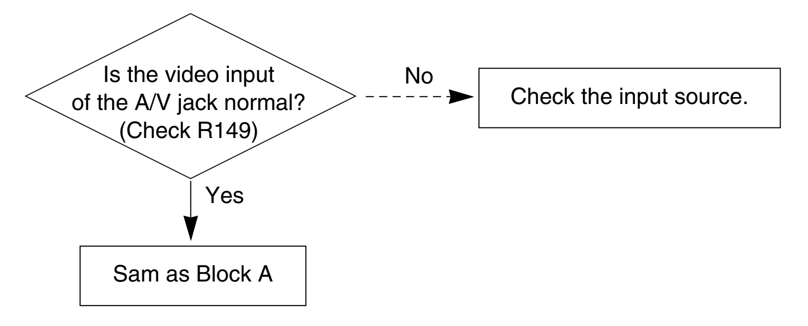
6. In the case of an unusual display in SCART 1 mode.



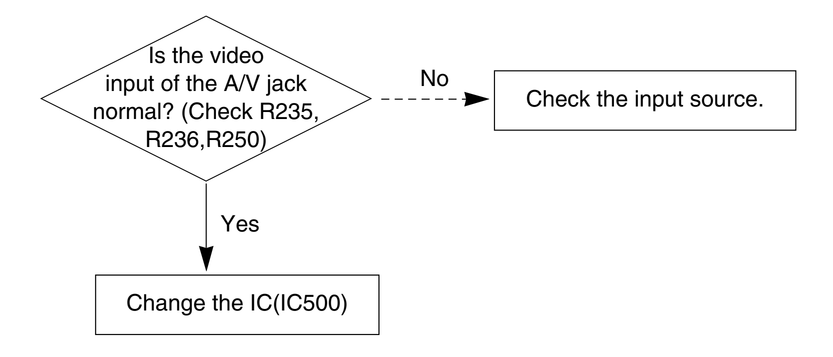
7. In the case of an unusual display in SCART 1_RGB mode.



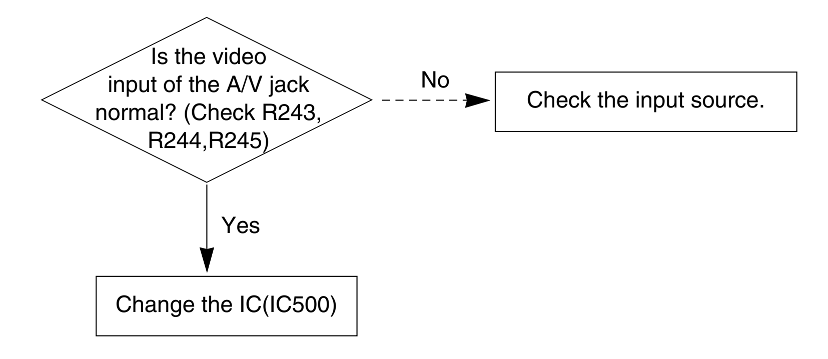
8. In the case of an unusual display in SCART 2 mode.



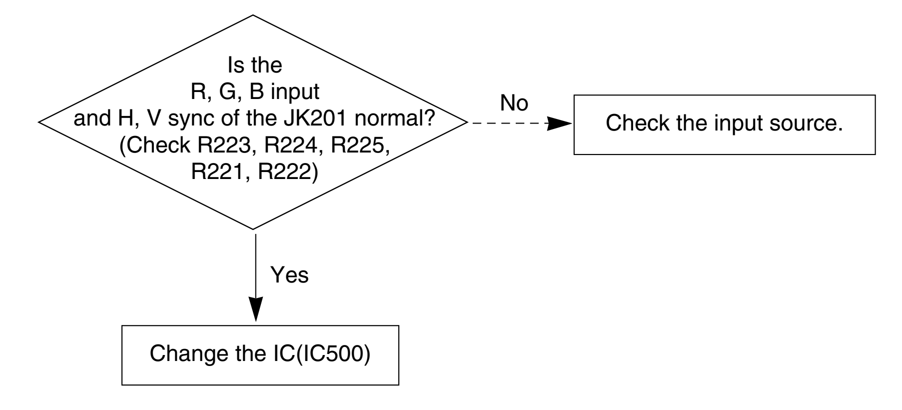
9. In the case of an unusual display in component 1 mode.



10. In the case of an unusual display in component 2 mode.



11. In the case of an unusual display in RGB mode.

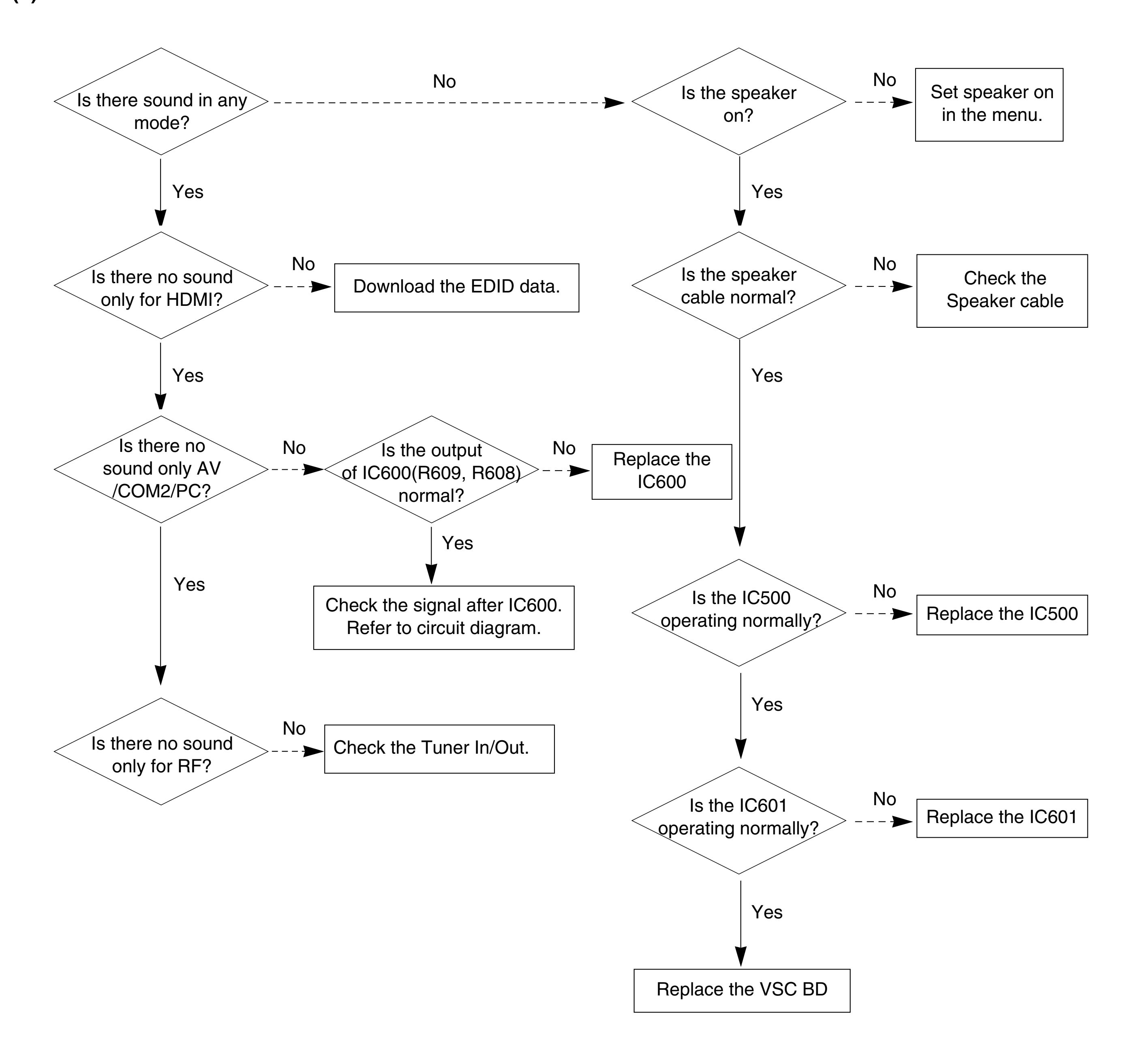


12. No Sound

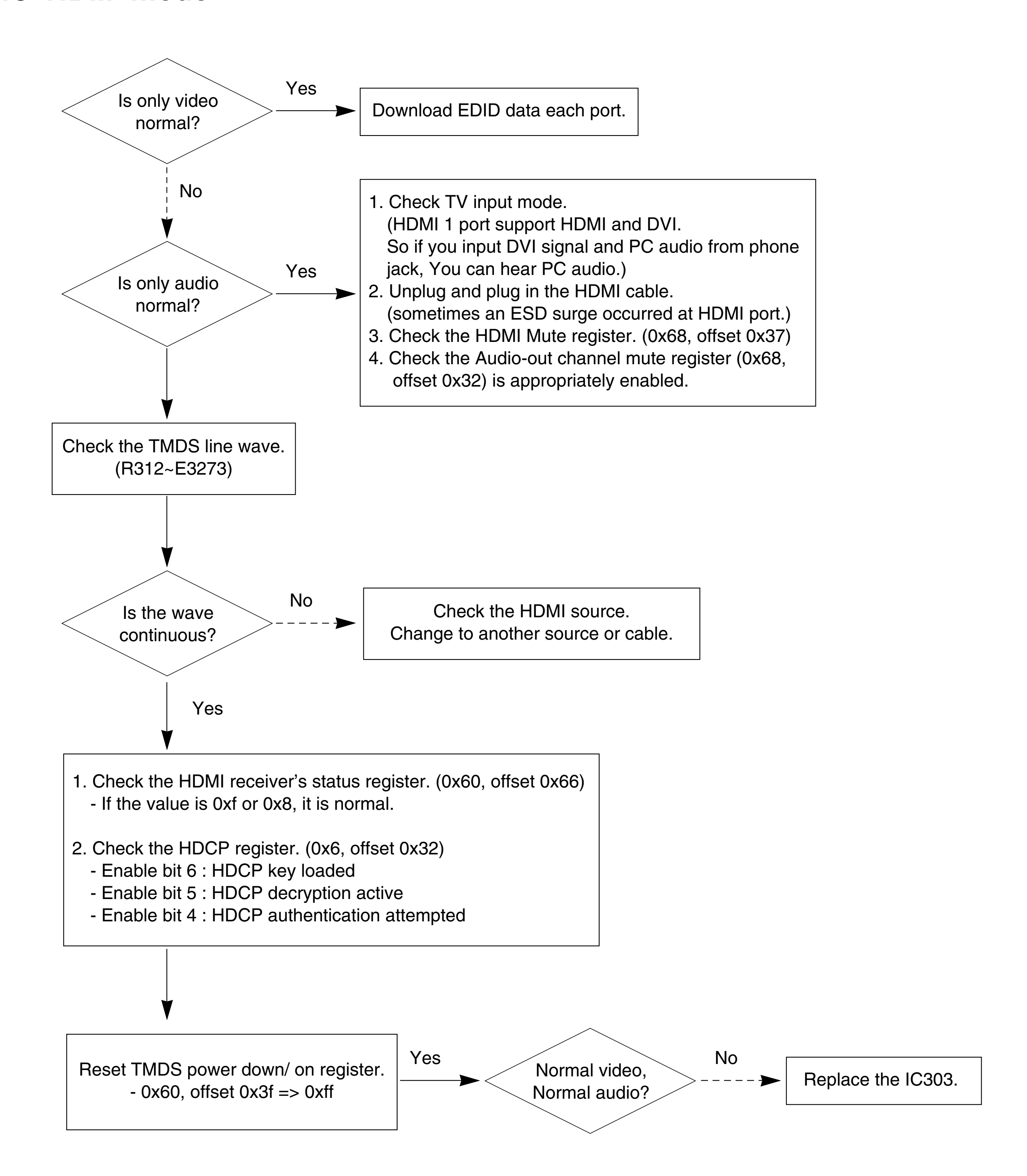
(1) Symptom

1) LED is green.
2) There is a picture but no sound.

(2) Follow check

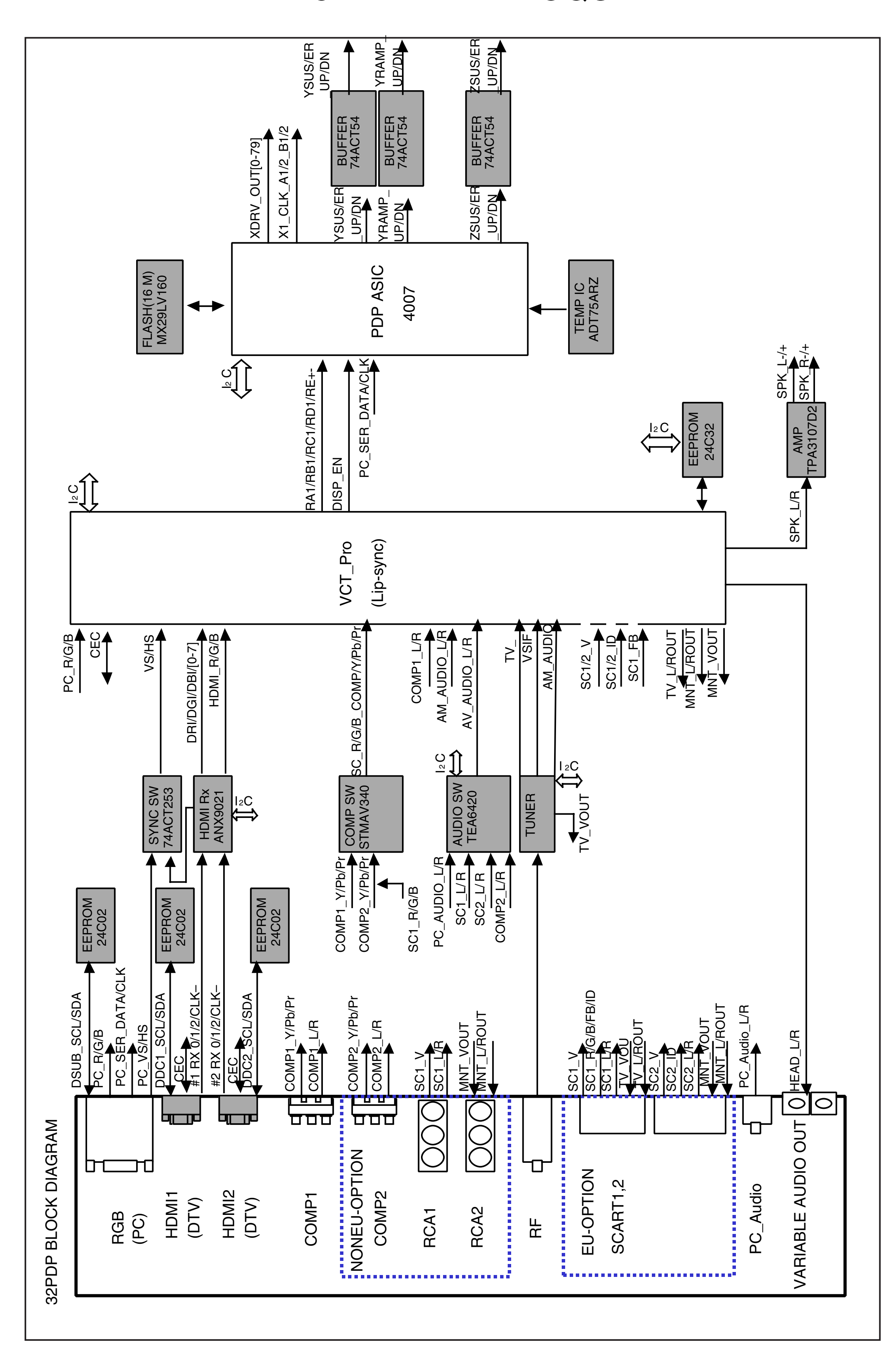


13. HDMI mode



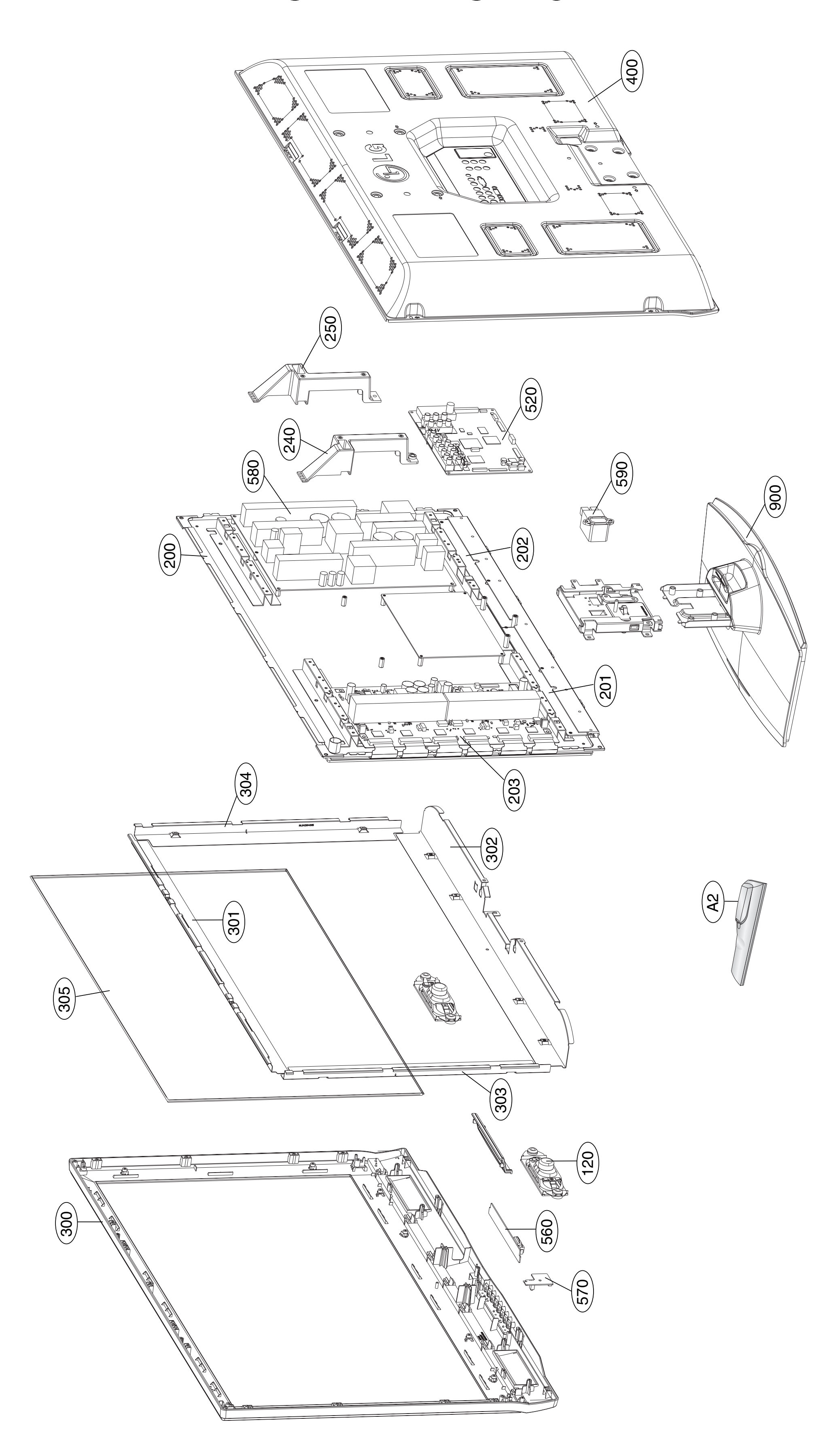
Is only video normal?
Yes
Download EDID data each port.
No
Is only audio normal?
Yes
1. Check TV input mode.
(HDMI 1 port support HDMI and DVI.
So if you input DVI signal and PC audio from phone jack, You can hear PC audio.)
2. Unplug and plug in the HDMI cable.
(sometimes an ESD surge occurred at HDMI port.)
3. Check the HDMI Mute register. (0x68, offset 0x37)
4. Check the Audio-out channel mute register (0x68, offset 0x32) is appropriately enabled.
Check the TMDS line wave.
(R312~E3273)
Is the wave continuous?
No
Check the HDMI source.
Change to another source or cable.
Yes
1. Check the HDMI receiver's status register. (0x60, offset 0x66)
- If the value is 0xf or 0x8, it is normal.
2. Check the HDCP register. (0x6, offset 0x32)
- Enable bit 6 : HDCP key loaded
- Enable bit 5 : HDCP decryption active
- Enable bit 4 : HDCP authentication attempted
Reset TMDS power down/ on register.
- 0x60, offset 0x3f => 0xff
Yes
Normal video, Normal audio?
No
Replace the IC303.

DIAGRAMA EN BLOQUE



MEMO

VISTA EN DESPIECE



LISTA DE VISTA EN DESPIECE

No.	Part No.	Description
120	EAB33496901	Speaker,Full Range 5B084 ND 10W 8OHM 82DB 120HZ
⚠ 200	EAJ39835901	PDP,Module-VGAPDP32F10110.AKLGG VGA 32INCH 852X480 16/9 PDP DIVISION
	EAJ41357401	PDP,Module-VGAPDP32F10110.ADLGB VGA 32INCH 852X480 16/9 PDP DIVISION
201	EBR36450301	Auto SMT PCB Assembly,XRLB ASSY SMD TOP INSERT 32 32V1 4layer TCP256ch PDP DIVISION
202	EBR36450601	Auto SMT PCB Assembly,XRRB ASSY SMD TOP INSERT 32 32V1 4Layer TCP256ch PDP DIVISION
203	EBR36450901	Auto SMT PCB Assembly,YSUS ASS'Y SMD TOP INSERT 32 32V1 2Layer PDP DIVISION
240	AJJ34139401	Supporter Assembly,32 PDP SUPP. MODULE VERTICAL ASSY RIGHT
	AJJ34139403	Supporter Assembly,32PC5, SUPP. MODULE VERTICAL ASSY RIGHT, CSKD
250	AJJ34139402	Supporter Assembly,32 PDP SUPP. MODULE VERTICAL ASSY LEFT
	AJJ34139404	Supporter Assembly,32PC5, SUPP. MODULE VERTICAL ASSY LEFT, CSKD
⚠ 300	ABJ34138801	Cabinet Assembly,32PC5RV-MF PP78C 32 NON
	ABJ34138806	Cabinet Assembly,32PC5RV-MF PP78C 32 CSKD
301	AJJ34139001	Supporter Assembly,32 PDP SUPP. FILTER TOP ASSY
	AJJ34139002	Supporter Assembly,32 PDP SUPP. FILTER TOP ASSY CSKD
302	AJJ34139101	Supporter Assembly,32 PDP SUPP. FILTER BOT. ASSY
	AJJ34139102	Supporter Assembly,32PC5, SUPP. FILTER BOT. ASSY, CSKD
303	AJJ34139201	Supporter Assembly,32 PDP SUPP. FILTER RIGHT ASSY
	AJJ34139202	Supporter Assembly,32 PDP SUPP. FILTER RIGHT ASSY CSKD
304	AJJ34139301	Supporter Assembly,32 PDP SUPP. FILTER LEFT ASSY
	AJJ34139302	Supporter Assembly,32 PDP SUPP. FILTER LEFT ASSY CSKD
305	MDJ38042602	Filter,CUTTING ACRYL GLASS FILTER PDP 32 LGC without AR
⚠ 400	ACQ34138908	Cover Assembly,Rear 32PC5RVH-MF PP78C 32 PERU, BOLIVIA
	ACQ34138904	Cover Assembly,Rear 32PC5RV-MF, 32PC5RV-UB PP78C 32 TYPE A CSKD
520	EBR39980301	PCB Assembly,Main PP78C 32PC5RV-MF ALALLHX 32inch PDP for South America
	EBR40212103	PCB Assembly,Main PP78C 32PC5R/H-MF SKD FOR South America
560	EBR39221401	PCB Assembly,Sub CONTROL M.I PP78A 32PC5RV-MF ALALLHX LocalKey
	EBR39221403	PCB Assembly,Sub CONTROL M.I PP78C 32PC5RV/H-MF SKD LOCAL KEY
570	EBR39220901	PCB Assembly,Sub PP78A 32PC5RV-MF ALALLHX PreAMP+LED
	EBR39220903	PCB Assembly,Sub PP78C 32PC5RV-MF SKD PREAMP ASS'Y FOR SOUTH AMERICA
⚠ 580	EAY39810701	SMPS,AC/DC EAY39810701 90VTO264V 250W 50~60 UL 32 PDP PSU
590	EAM35012705	Filter,AC Line IF2-N06AEW1 5.3mH 250VAC 6A 0.1uF 1000pF
⚠ 900	AAN34517901	Base Assembly,STAND 32PC5RV-MF - SOUTH AMERICA
	AAN34517902	Base Assembly,STAND 32PC5RV-MF - SOUTH AMERICA, CSKD
A2	AKB34907201	Remote Controller Assembly,32PC5RV-MF, 32PC5RV-UB

LISTA DE PARTES DE REPUESTO

RUN DATE : 2007.8.14

LOCA. NO	PART NO	DESCRIPTION
IC		
IC1000	0ISTLFA032A	74ACT541MTC 4.5TO5.5V 0.
IC1001	0ISTLFA032A	74ACT541MTC 4.5TO5.5V 0.
IC1002	0ISTLFA032A	74ACT541MTC 4.5TO5.5V 0.
IC200	0IMMRAL014D	AT24C02BN-SH-T 2KBIT 256
IC201	0ISTL00031A	MC74HC4066ADR2G MC74HC40
IC202	0IFA742530B	74ACT253SC 4.5TO5.5V 0.0
IC203	EAN32724702	STMAV340 4.0TO5.5V 5NSEC
IC300	0IPRP00735A	ANX9021 3.3V 60u 17MHZ T
IC301	0IMMRAL014D	AT24C02BN-SH-T 2KBIT 256
IC302	0IMMRAL014D	AT24C02BN-SH-T 2KBIT 256
IC500	EAN35336801	VCT7993P- FA-A1-H-000 1.
IC501	0IMMRAL025A	AT24C32AN-10SU-2.7 32KBI
IC502	0IFA752700A	KA75270Z 2.55TO2.85V 0 2
IC600	0IPRP00665A	TEA6420D 8TO10.2V 8mA 0
IC601	EAN35502001	TPA3107D2 10TO26V 50mV 0
IC700	0IPMGA0010A	AZ1117H-3.3 4.75TO10V 3.
IC701	0IPMG78341A	AZ1085S-3.3TR/E1,LF 12V
IC702	EAN34140401	AZ1085S-1.8TRE1 1.238V t
IC703	0IPMG00049A	AZ1117H-1.8TR/E1[H13A] 3
IC800	0IPMGA0010A	AZ1117H-3.3 4.75TO10V 3.
IC801	EAN39769813	32PC5 MODULE FLASH MEMOR
IC802	0ILNRAA001B	S7136F -0.3TO15V 0.4V 40
IC803	EAN37283701	PQ010GN01ZPH 1.7TO5.5V 1
IC806	0ISTLFA024A	MM74HC00M 2TO6V 0.002mA
IC900	EAN37528301	LGDP4007 SPTCDA IC (WVGA
TRANSISTOR		
IC303	0TFTH80001A	FET,SSM6N15FU
IC304	0TFTH80001A	FET,SSM6N15FU
IC305	0TFTH80001A	FET,SSM6N15FU
Q100	0TRIY80001A	2SC3052 NPN 6V 50V 50V 200MA
Q101	0TRIY80001A	2SC3052 NPN 6V 50V 50V 200MA
Q103	0TRIY80001A	2SC3052 NPN 6V 50V 50V 200MA
Q105	0TRIY80001A	2SC3052 NPN 6V 50V 50V 200MA
Q106	0TRIY80001A	2SC3052 NPN 6V 50V 50V 200MA
Q107	0TRIY80001A	2SC3052 NPN 6V 50V 50V 200MA
Q200	0TRIY80001A	2SC3052 NPN 6V 50V 50V 200MA
Q400	0TRIH80002A	2SA1530A-T112-1R PNP -6V -60V
Q401	0TRIH80002A	2SA1530A-T112-1R PNP -6V -60V
Q500	0TRIH80002A	2SA1530A-T112-1R PNP -6V -60V
Q501	0TR102009AM	KRA102S PNP -30V 0V -50V -0.1
Q502	0TRIH80002A	2SA1530A-T112-1R PNP -6V -60V
Q503	0TRIY80001A	2SC3052 NPN 6V 50V 50V 200MA
Q504	0TRIH80002A	2SA1530A-T112-1R PNP -6V -60V
Q600	0TRIY80001A	2SC3052 NPN 6V 50V 50V 200MA
Q601	0TRIY80001A	2SC3052 NPN 6V 50V 50V 200MA
Q602	0TRIY80001A	2SC3052 NPN 6V 50V 50V 200MA

LOCA. NO	PART NO	DESCRIPTION
Q603	0TRIY80001A	2SC3052 NPN 6V 50V 50V 200MA
Q700	0TRIY80001A	2SC3052 NPN 6V 50V 50V 200MA
Q701	0TRIY80001A	2SC3052 NPN 6V 50V 50V 200MA
Q702	0TRIY80001A	2SC3052 NPN 6V 50V 50V 200MA
Q703	0TRIY80001A	2SC3052 NPN 6V 50V 50V 200MA
Q704	0TRIY80001A	2SC3052 NPN 6V 50V 50V 200MA
Q705	0TRIY80001A	2SC3052 NPN 6V 50V 50V 200MA
DIODE		
D100	EAH33946001	CDS3C05GTA 5.6V 6.4V 19
D100	0DLBE0138AA	LED,DIP BL-BUBGE301
D101	EAH33945901	CDS3C30GTH 30V 50V 120V
D101	0DR050008AA	SD05.TC - 6V 14.5V 24A
D102	0DR050008AA	SD05.TC - 6V 14.5V 24A
D107	EAH33946001	CDS3C05GTA 5.6V 6.4V 19
D109	EAH33946001	CDS3C05GTA 5.6V 6.4V 19
D110	EAH33946001	CDS3C05GTA 5.6V 6.4V 19
D111	EAH33945901	CDS3C30GTH 30V 50V 120V
D200	EAH33946001	CDS3C05GTA 5.6V 6.4V 19
D201	EAH33946001	CDS3C05GTA 5.6V 6.4V 19
D202	EAH33945901	CDS3C30GTH 30V 50V 120V
D203	EAH33945901	CDS3C30GTH 30V 50V 120V
D204	EAH33945901	CDS3C30GTH 30V 50V 120V
D205	EAH33945901	CDS3C30GTH 30V 50V 120V
D206	0DS226009AA	KDS226 1.2V 85V 300MA 2
D207	EAH33945901	CDS3C30GTH 30V 50V 120V
D208	EAH33945901	CDS3C30GTH 30V 50V 120V
D209	0DS226009AA	KDS226 1.2V 85V 300MA 2
D210	EAH33945901	CDS3C30GTH 30V 50V 120V
D211	0DSIH00028A	MC2838-T112-1 1.2V 75V
D212	0DS226009AA	KDS226 1.2V 85V 300MA 2
D213	EAH33945901	CDS3C30GTH 30V 50V 120V
D214	0DR050008AA	SD05.TC - 6V 14.5V 24A
D215	EAH33946001	CDS3C05GTA 5.6V 6.4V 19
D216	EAH33946001	CDS3C05GTA 5.6V 6.4V 19
D217	EAH33945901	CDS3C30GTH 30V 50V 120V
D218	EAH33945901	CDS3C30GTH 30V 50V 120V
D219	EAH33945901	CDS3C30GTH 30V 50V 120V
D220	EAH33945901	CDS3C30GTH 30V 50V 120V
D221	EAH33945901	CDS3C30GTH 30V 50V 120V
D222	EAH33946001	CDS3C05GTA 5.6V 6.4V 19
D223	EAH33946001	CDS3C05GTA 5.6V 6.4V 19
D300	0DSIH00028A	MC2838-T112-1 1.2V 75V
D301	0DSIH00028A	MC2838-T112-1 1.2V 75V
D700	0DL233309AC	LED,Chip SAM2333 RED/Y-GREEN 2.7
D800	EAV38290401	LED,Chip BL-HGE33A-TRB Y-GREEN 2
D801	EAV38290401	LED,Chip BL-HGE33A-TRB Y-GREEN 2
D802	EAV38290401	LED,Chip BL-HGE33A-TRB Y-GREEN 2
ZD200	0DR050008AA	SD05.TC - 6V 14.5V 24A

LOCA. NO	PART NO	DESCRIPTION
ZD201	0DR050008AA	SD05.TC - 6V 14.5V 24A
ZD202	0DR050008AA	SD05.TC - 6V 14.5V 24A
ZD203	0DR050008AA	SD05.TC - 6V 14.5V 24A
ZD700	0DZKE00048A	Zener,KDZ8.2V 8.2V 7.7TO8.7V
CAPACITOR		
C100	0CH5101K416	C2012C0G1H101JT 100pF 5% 50V
C1000	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C1001	0CK104CF56A	0603B104K160CT 100nF 10% 16V
C1002	0CK104CF56A	0603B104K160CT 100nF 10% 16V
C1003	0CE226WF6DC	MVK5.0TP16VC22M 22uF 20% 16V
C1004	0CK105DH56A	C2012X7R105KFT 1uF 10% 25V X7
C101	0CE476VF6DC	VGV476M016S0ANE010 47uF 20% 1
C102	0CE476VF6DC	VGV476M016S0ANE010 47uF 20% 1
C103	0CE476VF6DC	VGV476M016S0ANE010 47uF 20% 1
C104	0CH4471K416	C2012C0G1H471JT 470pF 5% 50V
C105	0CC102CK41A	C1608C0G1H102JT 1nF 5% 50V C0
C106	0CC102CK41A	C1608C0G1H102JT 1nF 5% 50V C0
C108	0CK682CK51A	C1608Y5P1H682KT 6.8nF 10% 50V
C110	0CK682CK51A	C1608Y5P1H682KT 6.8nF 10% 50V
C111	0CC102CK41A	C1608C0G1H102JT 1nF 5% 50V C0
C112	0CC102CK41A	C1608C0G1H102JT 1nF 5% 50V C0
C113	0CK106EF56A	C3216X7R1C106KT 10uF 10% 16V
C114	0CK106EF56A	C3216X7R1C106KT 10uF 10% 16V
C117	0CE227SF6DC	MVG6.3TP16VC220M 220uF 20% 16
C200	0CC102CK41A	C1608C0G1H102JT 1nF 5% 50V C0
C201	0CC102CK41A	C1608C0G1H102JT 1nF 5% 50V C0
C204	0CK104CF56A	0603B104K160CT 100nF 10% 16V
C205	0CC102CK41A	C1608C0G1H102JT 1nF 5% 50V C0
C206	0CC102CK41A	C1608C0G1H102JT 1nF 5% 50V C0
C207	0CK103CK56A	0603B103K500CT 10nF 10% 50V X
C208	0CK103CK56A	0603B103K500CT 10nF 10% 50V X
C209	0CK103CK56A	0603B103K500CT 10nF 10% 50V X
C210	0CK104CF56A	0603B104K160CT 100nF 10% 16V
C212	0CK103CK56A	0603B103K500CT 10nF 10% 50V X
C213	0CK103CK56A	0603B103K500CT 10nF 10% 50V X
C214	0CK103CK56A	0603B103K500CT 10nF 10% 50V X
C215	0CK103CK56A	0603B103K500CT 10nF 10% 50V X
C216	0CK103CK56A	0603B103K500CT 10nF 10% 50V X
C217	0CE226WF6DC	MVK5.0TP16VC22M 22uF 20% 16V
C218	0CK103CK56A	0603B103K500CT 10nF 10% 50V X
C219	0CK103CK56A	0603B103K500CT 10nF 10% 50V X
C220	0CK105CF94A	0603F105Z160CT 1uF -20TO+80%
C221	0CK105CF94A	0603F105Z160CT 1uF -20TO+80%
C222	0CK105CF94A	0603F105Z160CT 1uF -20TO+80%
C223	0CK105CF94A	0603F105Z160CT 1uF -20TO+80%
C224	0CK105CF94A	0603F105Z160CT 1uF -20TO+80%
C225	0CK105CF94A	0603F105Z160CT 1uF -20TO+80%
C226	0CC102CK41A	C1608C0G1H102JT 1nF 5% 50V C0
C227	0CC102CK41A	C1608C0G1H102JT 1nF 5% 50V C0
C228	0CK104CF56A	0603B104K160CT 100nF 10% 16V
C303	0CK103CK56A	0603B103K500CT 10nF 10% 50V X

LOCA. NO	PART NO	DESCRIPTION
C304	0CK103CK56A	0603B103K500CT 10nF 10% 50V X
C307	0CC220CK41A	C1608C0G1H220JT 22pF 5% 50V C
C308	0CC220CK41A	C1608C0G1H220JT 22pF 5% 50V C
C309	0CC220CK41A	C1608C0G1H220JT 22pF 5% 50V C
C310	0CC180CK41A	C1608C0G1H180JT 18pF 5% 50V C
C311	0CK103CK56A	0603B103K500CT 10nF 10% 50V X
C312	0CC180CK41A	C1608C0G1H180JT 18pF 5% 50V C
C313	0CK106EF56A	C3216X7R1C106KT 10uF 10% 16V
C314	0CK103CK51A	0603B103K500CT 10nF 10% 50V Y
C319	0CK106EF56A	C3216X7R1C106KT 10uF 10% 16V
C321	0CK103CK56A	0603B103K500CT 10nF 10% 50V X
C400	0CK103CK56A	0603B103K500CT 10nF 10% 50V X
C401	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16
C402	0CK103CK56A	0603B103K500CT 10nF 10% 50V X
C403	0CC390CK41A	C1608C0G1H390JT 39pF 5% 50V C
C404	0CC390CK41A	C1608C0G1H390JT 39pF 5% 50V C
C405	0CC220CK41A	C1608C0G1H220JT 22pF 5% 50V C
C406	0CK104CK56A	0603B104K500CT 100nF 10% 50V
C500	0CK225DD66A	LMK212JB225MG-T 2.2uF 20% 10V
C501	0CK103CK56A	0603B103K500CT 10nF 10% 50V X
C502	0CK104CF56A	0603B104K160CT 100nF 10% 16V
C503	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C504	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C505	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C506	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C507	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C508	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C509	0CK104CF56A	0603B104K160CT 100nF 10% 16V
C510	0CK104CF56A	0603B104K160CT 100nF 10% 16V
C511	0CK104CF56A	0603B104K160CT 100nF 10% 16V
C513	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C514	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C515	0CK106EF56A	C3216X7R1C106KT 10uF 10% 16V
C516	0CK474CH94A	0603F474Z250CT 470nF -20TO+80
C517	0CK474CH94A	0603F474Z250CT 470nF -20TO+80
C518	0CK474CH94A	0603F474Z250CT 470nF -20TO+80
C519	0CK474CH94A	0603F474Z250CT 470nF -20TO+80
C520	0CK474CH94A	0603F474Z250CT 470nF -20TO+80
C521	0CK474CH94A	0603F474Z250CT 470nF -20TO+80
C522	0CE335WK6D8	MVK4.0TP50VC3.3M 3.3uF 20% 50
C523	0CK104CK56A	0603B104K500CT 100nF 10% 50V
C524	0CK332CK56A	C1608X7R1H332KT 3.3nF 10% 50V
C525	0CK332CK56A	C1608X7R1H332KT 3.3nF 10% 50V
C526	0CK332CK56A	C1608X7R1H332KT 3.3nF 10% 50V
C527	0CK332CK56A	C1608X7R1H332KT 3.3nF 10% 50V
C528	0CK106EF56A	C3216X7R1C106KT 10uF 10% 16V
C529	0CK104CK56A	0603B104K500CT 100nF 10% 50V
C530	0CC560CK41A	C1608C0G1H560JT 56pF 5% 50V C
C531	0CC560CK41A	C1608C0G1H560JT 56pF 5% 50V C
C532	0CC220CK41A	C1608C0G1H220JT 22pF 5% 50V C
C533	0CC220CK41A	C1608C0G1H220JT 22pF 5% 50V C
C534	0CE226WF6DC	MVK5.0TP16VC22M 22uF 20% 16V

LOCA. NO	PART NO	DESCRIPTION
C535	0CE226WF6DC	MVK5.0TP16VC22M 22uF 20% 16V
C536	0CE226WF6DC	MVK5.0TP16VC22M 22uF 20% 16V
C537	0CE226WF6DC	MVK5.0TP16VC22M 22uF 20% 16V
C538	0CE226WF6DC	MVK5.0TP16VC22M 22uF 20% 16V
C539	0CE226WF6DC	MVK5.0TP16VC22M 22uF 20% 16V
C540	0CE226WF6DC	MVK5.0TP16VC22M 22uF 20% 16V
C541	0CK104CK56A	0603B104K500CT 100nF 10% 50V
C542	0CK104CK56A	0603B104K500CT 100nF 10% 50V
C543	0CK104CK56A	0603B104K500CT 100nF 10% 50V
C544	0CK104CK56A	0603B104K500CT 100nF 10% 50V
C545	0CK104CK56A	0603B104K500CT 100nF 10% 50V
C546	0CK104CK56A	0603B104K500CT 100nF 10% 50V
C547	0CK104CK56A	0603B104K500CT 100nF 10% 50V
C548	0CK104CK56A	0603B104K500CT 100nF 10% 50V
C549	0CK104CK56A	0603B104K500CT 100nF 10% 50V
C550	0CK104CK56A	0603B104K500CT 100nF 10% 50V
C551	0CK104CK56A	0603B104K500CT 100nF 10% 50V
C552	0CK475DD56A	C2012X7R1A475KT 4.7uF 10% 10V
C553	0CK475DD56A	C2012X7R1A475KT 4.7uF 10% 10V
C554	0CK475DD56A	C2012X7R1A475KT 4.7uF 10% 10V
C555	0CK104CK56A	0603B104K500CT 100nF 10% 50V
C556	0CK104CK56A	0603B104K500CT 100nF 10% 50V
C557	0CK104CK56A	0603B104K500CT 100nF 10% 50V
C558	0CK104CK56A	0603B104K500CT 100nF 10% 50V
C559	0CK104CK56A	0603B104K500CT 100nF 10% 50V
C560	0CK104CK56A	0603B104K500CT 100nF 10% 50V
C561	0CK104CK56A	0603B104K500CT 100nF 10% 50V
C562	0CK104CK56A	0603B104K500CT 100nF 10% 50V
C563	0CK475EF56A	C3216X7R1C475KT 4.7uF 10% 16V
C564	0CK104CK56A	0603B104K500CT 100nF 10% 50V
C565	0CK103CK56A	0603B103K500CT 10nF 10% 50V X
C600	0CK682CK51A	C1608Y5P1H682KT 6.8nF 10% 50V
C601	0CK682CK51A	C1608Y5P1H682KT 6.8nF 10% 50V
C602	0CK475EF67A	C3216X5R1C475MT 4.7uF 20% 16V
C604	0CK475EF67A	C3216X5R1C475MT 4.7uF 20% 16V
C605	0CK475EF67A	C3216X5R1C475MT 4.7uF 20% 16V
C606	0CK475EF67A	C3216X5R1C475MT 4.7uF 20% 16V
C607	0CK475EF67A	C3216X5R1C475MT 4.7uF 20% 16V
C608	0CE226WF6DC	MVK5.0TP16VC22M 22uF 20% 16V
C609	0CK103CK56A	0603B103K500CT 10nF 10% 50V X
C610	0CC471CK41A	C1608C0G1H471JT 470pF 5% 50V
C611	0CC471CK41A	C1608C0G1H471JT 470pF 5% 50V
C612	0CK475EF67A	C3216X5R1C475MT 4.7uF 20% 16V
C614	0CK475EF67A	C3216X5R1C475MT 4.7uF 20% 16V
C615	0CK475EF67A	C3216X5R1C475MT 4.7uF 20% 16V
C616	0CK102CK56A	0603B102K500CT 1nF 10% 50V X7
C617	0CK102CK56A	0603B102K500CT 1nF 10% 50V X7
C618	0CK682CK51A	C1608Y5P1H682KT 6.8nF 10% 50V
C619	0CK682CK51A	C1608Y5P1H682KT 6.8nF 10% 50V
C620	0CK104CK56A	0603B104K500CT 100nF 10% 50V
C621	0CC270CK41A	C1608C0G1H270JT 27pF 5% 50V C
C622	0CK105DK94A	0805F105Z500CT 1uF -20TO+80%
C623	0CK105DK94A	0805F105Z500CT 1uF -20TO+80%
C624	0CK105DK94A	0805F105Z500CT 1uF -20TO+80%
C625	0CK105DK94A	0805F105Z500CT 1uF -20TO+80%
C626	0CE106WH6DC	MVK5.0TP25VC10M 10uF 20% 25V
C627	0CK105DK94A	0805F105Z500CT 1uF -20TO+80%
C628	0CK103CK56A	0603B103K500CT 10nF 10% 50V X
C629	0CK105CF94A	0603F105Z160CT 1uF -20TO+80%
C630	0CK224DK46A	0805B224J500CT 220nF 5% 50V X
C631	0CK224DK46A	0805B224J500CT 220nF 5% 50V X
C632	0CK224DK46A	0805B224J500CT 220nF 5% 50V X
C633	0CK224DK46A	0805B224J500CT 220nF 5% 50V X
C634	0CK104CK56A	0603B104K500CT 100nF 10% 50V
C635	0CK104CK56A	0603B104K500CT 100nF 10% 50V
C636	0CK474CH94A	0603F474Z250CT 470nF -20TO+80
C637	0CK105DK94A	0805F105Z500CT 1uF -20TO+80%
C638	0CK105DK94A	0805F105Z500CT 1uF -20TO+80%
C639	0CE227WJ6DC	MVK10TP35VC220M 220uF 20% 35V
C640	0CK225DK94A	CL21F225ZBFNNNE 2.2uF -20TO+8
C641	0CE227WJ6DC	MVK10TP35VC220M 220uF 20% 35V
C642	0CK105DK94A	0805F105Z500CT 1uF -20TO+80%
C643	0CK105DK94A	0805F105Z500CT 1uF -20TO+80%
C644	0CK225DK94A	CL21F225ZBFNNNE 2.2uF -20TO+8
C645	0CK104CK56A	0603B104K500CT 100nF 10% 50V
C646	0CE107WJ6DC	MVK10TP35VC100M 100uF 20% 35V
C647	0CK474CH94A	0603F474Z250CT 470nF -20TO+80
C648	0CK103CK56A	0603B103K500CT 10nF 10% 50V X
C649	0CK104CK56A	0603B104K500CT 100nF 10% 50V
C650	0CK104CK56A	0603B104K500CT 100nF 10% 50V
C700	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16
C701	0CE227WF6DC	MVK8.0TP16VC220M 220uF 20% 16
C702	0CK474CH94A	0603F474Z250CT 470nF -20TO+80
C703	0CK474CH94A	0603F474Z250CT 470nF -20TO+80
C704	0CK104CK56A	0603B104K500CT 100nF 10% 50V
C705	0CK104CK56A	0603B104K500CT 100nF 10% 50V
C706	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16
C707	0CE477WF6DC	MVK10TP16VC470M 470uF 20% 16V
C708	0CK104CK56A	0603B104K500CT 100nF 10% 50V
C709	0CK104CK56A	0603B104K500CT 100nF 10% 50V
C710	0CK103CK56A	0603B103K500CT 10nF 10% 50V X
C711	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16
C712	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16V
C714	0CK103CK56A	0603B103K500CT 10nF 10% 50V X
C715	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16V
C716	0CK104CK56A	0603B104K500CT 100nF 10% 50V
C717	0CK104CK56A	0603B104K500CT 100nF 10% 50V
C719	0CK104CK56A	0603B104K500CT 100nF 10% 50V
C720	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16
C721	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16V
C722	0CK104CK56A	0603B104K500CT 100nF 10% 50V
C723	0CK104CK56A	0603B104K500CT 100nF 10% 50V
C724	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16
C725	0CK104CK56A	0603B104K500CT 100nF 10% 50V

LOCA. NO	PART NO	DESCRIPTION
C726	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16V
C727	0CK104CK56A	0603B104K500CT 100nF 10% 50V
C800	0CK104CF56A	0603B104K160CT 100nF 10% 16V
C801	0CK105DH56A	C2012X7R105KFT 1uF 10% 25V X7
C802	0CK105DH56A	C2012X7R105KFT 1uF 10% 25V X7
C803	0CK104CF56A	0603B104K160CT 100nF 10% 16V
C804	EAE32755801	CL31A106K5HNNNE 10uF 10% 16V
C805	0CK104CF56A	0603B104K160CT 100nF 10% 16V
C806	0CK104CF56A	0603B104K160CT 100nF 10% 16V
C807	0CK105DH56A	C2012X7R105KFT 1uF 10% 25V X7
C808	0CE226WF6DC	MVK5.0TP16VC22M 22uF 20% 16V
C809	0CK105DH56A	C2012X7R105KFT 1uF 10% 25V X7
C810	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16
C812	0CK104CF56A	0603B104K160CT 100nF 10% 16V
C813	0CK104BF56A	C1005X7R104KET 100nF 10% 16V
C814	0CK104CF56A	0603B104K160CT 100nF 10% 16V
C815	0CE226WF6DC	MVK5.0TP16VC22M 22uF 20% 16V
C816	0CK104CK56A	0603B104K500CT 100nF 10% 50V
C817	0CE226WF6DC	MVK5.0TP16VC22M 22uF 20% 16V
C818	0CK105DH56A	C2012X7R105KFT 1uF 10% 25V X7
C901	0CK104CF56A	0603B104K160CT 100nF 10% 16V
C902	0CK104CF56A	0603B104K160CT 100nF 10% 16V
C903	0CK104CF56A	0603B104K160CT 100nF 10% 16V
C904	0CK104CF56A	0603B104K160CT 100nF 10% 16V
C905	0CK104CF56A	0603B104K160CT 100nF 10% 16V
C906	0CK104CF56A	0603B104K160CT 100nF 10% 16V
C907	0CK104CF56A	0603B104K160CT 100nF 10% 16V
C908	0CK104CF56A	0603B104K160CT 100nF 10% 16V
C909	0CK104CF56A	0603B104K160CT 100nF 10% 16V
C910	0CK104CF56A	0603B104K160CT 100nF 10% 16V
C911	0CK104CF56A	0603B104K160CT 100nF 10% 16V
C912	0CK104CF56A	0603B104K160CT 100nF 10% 16V
C913	0CK104CF56A	0603B104K160CT 100nF 10% 16V
C914	0CK104CF56A	0603B104K160CT 100nF 10% 16V
C915	0CK104CF56A	0603B104K160CT 100nF 10% 16V
C916	0CK104CF56A	0603B104K160CT 100nF 10% 16V
C917	0CK104CF56A	0603B104K160CT 100nF 10% 16V
C918	0CK104CF56A	0603B104K160CT 100nF 10% 16V
C919	0CK104CF56A	0603B104K160CT 100nF 10% 16V
C920	0CK104CF56A	0603B104K160CT 100nF 10% 16V
C921	0CK104CF56A	0603B104K160CT 100nF 10% 16V
C922	0CK104CF56A	0603B104K160CT 100nF 10% 16V
C923	0CK104CF56A	0603B104K160CT 100nF 10% 16V
C924	0CK104CF56A	0603B104K160CT 100nF 10% 16V
C925	0CK104CF56A	0603B104K160CT 100nF 10% 16V
C926	0CK104CF56A	0603B104K160CT 100nF 10% 16V
C927	0CK104CF56A	0603B104K160CT 100nF 10% 16V
C928	0CK104CF56A	0603B104K160CT 100nF 10% 16V
C929	0CK104CF56A	0603B104K160CT 100nF 10% 16V
CONNECTOR & WAFER		
C1	6631900018P	Harness,Single 3P(LEFT) SPK

LOCA. NO	PART NO	DESCRIPTION
C2	6631900108A	Harness,Single 300mM 2.00MM 6P
C3	6631T25023H	Harness,Single 300mM 2.50MM 15P
C4	6631T25024H	Harness,Single 420mM 2.50MM 4P
C5	EAD36774102	Harness,Single 400MM 1.25MM 8P
CN100	6602T12005G	Connector,Wafer 12505WR-08A00 8P
CN101	6602T20009E	Connector,Wafer SMAW200-06P
JK200	6630G00003A	Connector,DSUB 15P 2.29MM
P100	6602T20009E	Connector,Wafer SMAW200-06P
P1000	6630XA02453	Connector,GF05A-50S-AF 50P
P1001	6630XA02453	Connector,GF05A-50S-AF 50P
P1002	6630VJ01805	Connector,Wafer 15001WR-05A00 5P
P1003	6630XA02453	Connector,GF05A-50S-AF 50P
P200	6630VF01608	Connector,Wafer 53398-0890 8P
P600	6602T25008B	Connector,Wafer SMW250-03P 3P
P601	6602T25008C	Connector,Wafer SMW250-04P 4P
P700	6602T25009P	Connector,Wafer SMAW250-15P
P800	6630VF03415	Connector,Wafer 12505WS-15A00 15P
P801	6602T12004C	Connector,Wafer 12505WS-04A00 4P
INDUCTOR		
L100	0LC1032101A	Inductor,FI-C3216-103KJT 10UH 10% -
L600	0LCML00020C	Inductor,MLI-201212-100K 10UH 10% -
L601	0LCML00020C	Inductor,MLI-201212-100K 10UH 10% -
L602	EAP32842807	Inductor,NR8040T330M 33UH 20% 250V
L603	EAP32842807	Inductor,NR8040T330M 33UH 20% 250V
L608	EAP32842807	Inductor,NR8040T330M 33UH 20% 250V
L610	EAP32842807	Inductor,NR8040T330M 33UH 20% 250V
JACK		
JK102	6612J10003Y	Jack,RCA PPJ216-01 14.0MM 1
JK103	6612J10003M	Jack,RCA PPJ206-01 14.0MM 1
JK201	6612J10031A	Jack,RCA PPJ209-02 14.0MM 1
JK202	6612J10031A	Jack,RCA PPJ209-02 14.0MM 1
JK203	6612F00099A	Jack,Phone PEJ024-01 1P 4P ST
JK300	6612B00015B	Jack,DIN DC1R019WDH SOCKET
JK301	6612B00015B	Jack,DIN DC1R019WDH SOCKET
JK600	6612J10043A	Jack,RCA PPJ200-07 15MM 1RX
RESISTOR		
AR1000	0RJ0222C692	MNR04 M0APJ 220 22OHM 5% 1/16W
AR1001	0RJ0222C692	MNR04 M0APJ 220 22OHM 5% 1/16W
AR1002	0RJ0222C692	MNR04 M0APJ 220 22OHM 5% 1/16W
AR1003	0RJ0222C692	MNR04 M0APJ 220 22OHM 5% 1/16W
AR1004	0RJ0222C692	MNR04 M0APJ 220 22OHM 5% 1/16W
AR1005	0RJ0222C692	MNR04 M0APJ 220 22OHM 5% 1/16W
AR1006	0RJ0222C692	MNR04 M0APJ 220 22OHM 5% 1/16W
AR1007	0RJ0222C692	MNR04 M0APJ 220 22OHM 5% 1/16W
AR1008	0RJ0222C692	MNR04 M0APJ 220 22OHM 5% 1/16W
AR1009	0RJ0222C692	MNR04 M0APJ 220 22OHM 5% 1/16W
AR1010	0RJ0222C692	MNR04 M0APJ 220 22OHM 5% 1/16W
AR1011	0RJ0222C692	MNR04 M0APJ 220 22OHM 5% 1/16W
AR1012	0RJ0222C692	MNR04 M0APJ 220 22OHM 5% 1/16W

LOCA. NO	PART NO	DESCRIPTION
AR1013	0RJ0222C692	MNR04 M0APJ 220 22OHM 5% 1/16W
AR1014	0RJ0222C692	MNR04 M0APJ 220 22OHM 5% 1/16W
AR1015	0RJ0222C692	MNR04 M0APJ 220 22OHM 5% 1/16W
AR1016	0RJ0222C692	MNR04 M0APJ 220 22OHM 5% 1/16W
AR1017	0RJ0222C692	MNR04 M0APJ 220 22OHM 5% 1/16W
AR1018	0RJ0222C692	MNR04 M0APJ 220 22OHM 5% 1/16W
AR1019	0RJ0222C692	MNR04 M0APJ 220 22OHM 5% 1/16W
AR1020	0RJ0222C692	MNR04 M0APJ 220 22OHM 5% 1/16W
AR1021	0RJ0222C692	MNR04 M0APJ 220 22OHM 5% 1/16W
AR1022	0RJ0222C692	MNR04 M0APJ 220 22OHM 5% 1/16W
AR1023	0RJ0222C692	MNR04 M0APJ 220 22OHM 5% 1/16W
AR1024	0RJ0472C687	RCA86TRJ47R0 47OHM 5% 1/16W 4 S
AR1026	0RJ0222C692	MNR04 M0APJ 220 22OHM 5% 1/16W
AR1027	0RJ0222C692	MNR04 M0APJ 220 22OHM 5% 1/16W
AR1028	0RJ0222C692	MNR04 M0APJ 220 22OHM 5% 1/16W
AR1029	0RJ0222C692	MNR04 M0APJ 220 22OHM 5% 1/16W
AR1030	0RJ0222C692	MNR04 M0APJ 220 22OHM 5% 1/16W
AR800	EBC32260404	MNR04M0APJ100 10OHM 5% 1/16W 4
AR801	EBC32260404	MNR04M0APJ100 10OHM 5% 1/16W 4
AR802	EBC32260404	MNR04M0APJ100 10OHM 5% 1/16W 4
AR803	EBC32260901	MNR04M0APJ102 1KOHM 5% 1/16W 4
L1001	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608
L1002	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608
L1003	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608
L1004	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608
L1005	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608
L1006	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608
L1007	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608
L1008	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608
L1009	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608
L208	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012
L208	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608
L301	0RJ0000G676	MCR18EZHJ00 0OHM 5% 1/4W 3216 R
L401	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608
L402	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608
L403	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608
L404	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608
L405	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608
L406	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608
R100	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012
R101	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608
R101	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012
R101	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012
R102	0RH1002D622	MCR10EZHJ103 10KOHM 5% 1/8W 201
R102	0RH1101D622	MCR10EZHJ112 1.1KOHM 5% 1/8W 20
R1025	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608
R103	0RH2001D622	MCR10EZHJ202 2KOHM 5% 1/8W 2012
R103	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012
R103	0RH3301D622	MCR10EZHJ332 3.3KOHM 5% 1/8W 20
R1031	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1
R1033	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608
R1034	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1

LOCA. NO	PART NO	DESCRIPTION
R1034	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 16
R104	0RH1002D622	MCR10EZHJ103 10KOHM 5% 1/8W 201
R104	0RH9101D622	MCR10EZHJ912 9.1KOHM 5% 1/8W 20
R105	0RJ2203D677	MCR03EZPJ224 220KOHM 5% 1/10W 1
R105	0RH1002D622	MCR10EZHJ103 10KOHM 5% 1/8W 201
R105	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012
R105	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012
R106	0RJ0752D677	MCR03EZPJ750 75OHM 5% 1/10W 160
R106	0RH0000D622	MCR10EZHJ000 0OHM 5% 1/8W 2012
R106	0RH1101D622	MCR10EZHJ112 1.1KOHM 5% 1/8W 20
R107	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608
R107	0RH3301D622	MCR10EZHJ332 3.3KOHM 5% 1/8W 20
R108	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608
R108	0RH9101D622	MCR10EZHJ912 9.1KOHM 5% 1/8W 20
R110	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608
R111	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608
R112	0RJ2203D677	MCR03EZPJ224 220KOHM 5% 1/10W 1
R113	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W 160
R114	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608
R124	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 160
R125	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 160
R127	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1
R129	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1
R130	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608
R133	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608
R134	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608
R135	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608
R141	0RJ0752D677	MCR03EZPJ750 75OHM 5% 1/10W 160
R144	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608
R145	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608
R146	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 160
R148	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 160
R151	0RJ2001D677	MCR03EZPJ202 2KOHM 5% 1/10W 160
R152	0RJ2001D677	MCR03EZPJ202 2KOHM 5% 1/10W 160
R200	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 16
R201	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 16
R202	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 16
R203	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 16
R204	0RJ2203D677	MCR03EZPJ224 220KOHM 5% 1/10W 1
R205	0RJ2203D677	MCR03EZPJ224 220KOHM 5% 1/10W 1
R206	0RJ0752D677	MCR03EZPJ750 75OHM 5% 1/10W 160
R207	0RJ0752D677	MCR03EZPJ750 75OHM 5% 1/10W 160
R208	0RJ0752D677	MCR03EZPJ750 75OHM 5% 1/10W 160
R209	0RJ0102D677	MCR03EZPJ100 10OHM 5% 1/10W 160
R210	0RJ0102D677	MCR03EZPJ100 10OHM 5% 1/10W 160
R211	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 16
R212	0RJ0752D677	MCR03EZPJ750 75OHM 5% 1/10W 160
R213	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 16
R214	0RJ0752D677	MCR03EZPJ750 75OHM 5% 1/10W 160
R216	0RJ0752D677	MCR03EZPJ750 75OHM 5% 1/10W 160
R218	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 16
R219	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1

LOCA. NO	PART NO	DESCRIPTION
R220	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1
R221	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 160
R222	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 160
R223	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W 160
R224	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W 160
R225	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W 160
R226	0RJ2002D677	MCR03EZPJ203. 20KOHM 5% 1/10W 1
R226	0RJ2200D677	MCR03EZPJ221 220OHM 5% 1/10W 16
R227	0RJ2203D677	MCR03EZPJ224 220KOHM 5% 1/10W 1
R228	0RJ2203D677	MCR03EZPJ224 220KOHM 5% 1/10W 1
R229	0RJ0752D677	MCR03EZPJ750 75OHM 5% 1/10W 160
R230	0RJ0752D677	MCR03EZPJ750 75OHM 5% 1/10W 160
R231	0RJ0752D677	MCR03EZPJ750 75OHM 5% 1/10W 160
R232	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 16
R233	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W 160
R234	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W 160
R235	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W 160
R236	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W 160
R237	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 16
R238	0RJ2002D677	MCR03EZPJ203. 20KOHM 5% 1/10W 1
R238	0RJ2200D677	MCR03EZPJ221 220OHM 5% 1/10W 16
R239	0RJ2002D677	MCR03EZPJ203. 20KOHM 5% 1/10W 1
R240	0RJ2002D677	MCR03EZPJ203. 20KOHM 5% 1/10W 1
R241	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 16
R242	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 16
R243	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W 160
R244	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W 160
R245	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W 160
R246	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608
R247	0RJ2203D677	MCR03EZPJ224 220KOHM 5% 1/10W 1
R247	0RJ0752D677	MCR03EZPJ750 75OHM 5% 1/10W 160
R248	0RJ2203D677	MCR03EZPJ224 220KOHM 5% 1/10W 1
R248	0RJ0752D677	MCR03EZPJ750 75OHM 5% 1/10W 160
R249	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1
R250	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W 160
R251	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608
R300	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1
R301	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 160
R302	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 160
R303	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 16
R304	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1
R305	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1
R306	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1
R307	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 16
R308	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 16
R309	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 16
R310	0RJ4702D677	MCR03EZPJ473 47KOHM 5% 1/10W 16
R310	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 16
R311	0RJ4702D677	MCR03EZPJ473 47KOHM 5% 1/10W 16
R312	0RJ4702D677	MCR03EZPJ473 47KOHM 5% 1/10W 16
R313	0RJ4702D677	MCR03EZPJ473 47KOHM 5% 1/10W 16
R314	0RJ4702D677	MCR03EZPJ473 47KOHM 5% 1/10W 16

LOCA. NO	PART NO	DESCRIPTION
R315	0RJ4702D677	MCR03EZPJ473 47KOHM 5% 1/10W 16
R316	0RJ4702D677	MCR03EZPJ473 47KOHM 5% 1/10W 16
R317	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 16
R318	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1
R318	0RJ0102C678	MCR01MZPJ100 10OHM 5% 1/16W 100
R319	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1
R319	0RJ0102C678	MCR01MZPJ100 10OHM 5% 1/16W 100
R320	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608
R320	0RJ0102C678	MCR01MZPJ100 10OHM 5% 1/16W 100
R321	0RJ0102C678	MCR01MZPJ100 10OHM 5% 1/16W 100
R322	0RJ0102C678	MCR01MZPJ100 10OHM 5% 1/16W 100
R323	0RJ0102C678	MCR01MZPJ100 10OHM 5% 1/16W 100
R324	0RJ0102C678	MCR01MZPJ100 10OHM 5% 1/16W 100
R325	0RJ0102C678	MCR01MZPJ100 10OHM 5% 1/16W 100
R326	0RJ0102C678	MCR01MZPJ100 10OHM 5% 1/16W 100
R327	0RJ0102C678	MCR01MZPJ100 10OHM 5% 1/16W 100
R328	0RJ0102C678	MCR01MZPJ100 10OHM 5% 1/16W 100
R329	0RJ0102C678	MCR01MZPJ100 10OHM 5% 1/16W 100
R330	0RJ0102C678	MCR01MZPJ100 10OHM 5% 1/16W 100
R331	0RJ0102C678	MCR01MZPJ100 10OHM 5% 1/16W 100
R332	0RJ0102C678	MCR01MZPJ100 10OHM 5% 1/16W 100
R333	0RJ0102C678	MCR01MZPJ100 10OHM 5% 1/16W 100
R334	0RJ2001D677	MCR03EZPJ202 2KOHM 5% 1/10W 160
R334	0RJ0102C678	MCR01MZPJ100 10OHM 5% 1/16W 100
R335	0RJ0102C678	MCR01MZPJ100 10OHM 5% 1/16W 100
R336	0RJ0102C678	MCR01MZPJ100 10OHM 5% 1/16W 100
R337	0RJ2001D677	MCR03EZPJ202 2KOHM 5% 1/10W 160
R337	0RJ0102C678	MCR01MZPJ100 10OHM 5% 1/16W 100
R338	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 160
R338	0RJ0102C678	MCR01MZPJ100 10OHM 5% 1/16W 100
R339	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 160
R339	0RJ0102C678	MCR01MZPJ100 10OHM 5% 1/16W 100
R340	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 16
R340	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 16
R341	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 16
R342	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 16
R343	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 16
R344	0RJ2001D677	MCR03EZPJ202 2KOHM 5% 1/10W 160
R345	0RJ2001D677	MCR03EZPJ202 2KOHM 5% 1/10W 160
R346	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 160
R346	0RJ0682D677	MCR03EZPJ680 68OHM 5% 1/10W 160
R347	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 160
R347	0RJ0682D677	MCR03EZPJ680 68OHM 5% 1/10W 160
R348	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 16
R348	0RJ0392D677	MCR03EZPJ390 39OHM 5% 1/10W 160
R349	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 16
R349	0RJ0392D677	MCR03EZPJ390 39OHM 5% 1/10W 160
R350	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 16
R350	0RJ0392D677	MCR03EZPJ390 39OHM 5% 1/10W 160
R351	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 16
R351	0RJ0682D677	MCR03EZPJ680 68OHM 5% 1/10W 160
R352	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 160

LOCA. NO	PART NO	DESCRIPTION
R353	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 160
R354	0RJ0682D677	MCR03EZPJ680 68OHM 5% 1/10W 160
R355	0RJ0682D677	MCR03EZPJ680 68OHM 5% 1/10W 160
R356	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W 160
R356	0RJ0392D677	MCR03EZPJ390 39OHM 5% 1/10W 160
R357	0RJ0392D677	MCR03EZPJ390 39OHM 5% 1/10W 160
R357	0RJ1004D677	MCR03EZPJ105 1MOHM 5% 1/10W 160
R358	0RJ0392D677	MCR03EZPJ390 39OHM 5% 1/10W 160
R359	0RJ0682D677	MCR03EZPJ680 68OHM 5% 1/10W 160
R360	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608
R361	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608
R363	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608
R364	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 160
R364	0RJ0332D677	MCR03EZPJ330 33OHM 5% 1/10W 160
R365	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 160
R365	0RJ1004D677	MCR03EZPJ105 1MOHM 5% 1/10W 160
R366	0RJ3300D677	MCR03EZPJ331 330OHM 5% 1/10W 16
R367	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 160
R368	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1
R369	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608
R370	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 160
R371	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608
R372	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 160
R373	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 160
R374	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608
R375	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 160
R377	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1
R378	0RJ0000G676	MCR18EZHJ00 0OHM 5% 1/4W 3216 R
R379	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 160
R401	0RJ7501D677	MCR03EZPJ752 7.5KOHM 5% 1/10W 1
R402	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1
R403	0RJ3300D677	MCR03EZPJ331 330OHM 5% 1/10W 16
R403	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 160
R404	0RJ3300D677	MCR03EZPJ331 330OHM 5% 1/10W 16
R404	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 160
R405	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608
R406	0RJ4700D677	MCR03EZPJ471 470OHM 5% 1/10W 16
R407	0RJ2200D677	MCR03EZPJ221 220OHM 5% 1/10W 16
R408	0RJ2200D677	MCR03EZPJ221 220OHM 5% 1/10W 16
R409	0RJ0822D677	MCR03EZPJ820 82OHM 5% 1/10W 160
R410	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608
R500	0RJ2000D677	MCR03EZPJ201 200OHM 5% 1/10W 16
R501	0RJ2000D677	MCR03EZPJ201 200OHM 5% 1/10W 16
R502	0RJ1500D677	MCR03EZPJ151 150OHM 5% 1/10W 16
R503	0RJ4700D677	MCR03EZPJ471 470OHM 5% 1/10W 16
R504	0RJ1500D677	MCR03EZPJ151 150OHM 5% 1/10W 16
R505	0RJ1802D677	MCR03EZPJ183 18KOHM 5% 1/10W 16
R506	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 160
R507	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W 10
R508	0RJ2702D677	MCR03EZPJ273 27KOHM 5% 1/10W 16
R509	0RJ3001C678	MCR01MZPJ302 3KOHM 5% 1/16W 100
R510	0RJ3001C678	MCR01MZPJ302 3KOHM 5% 1/16W 100

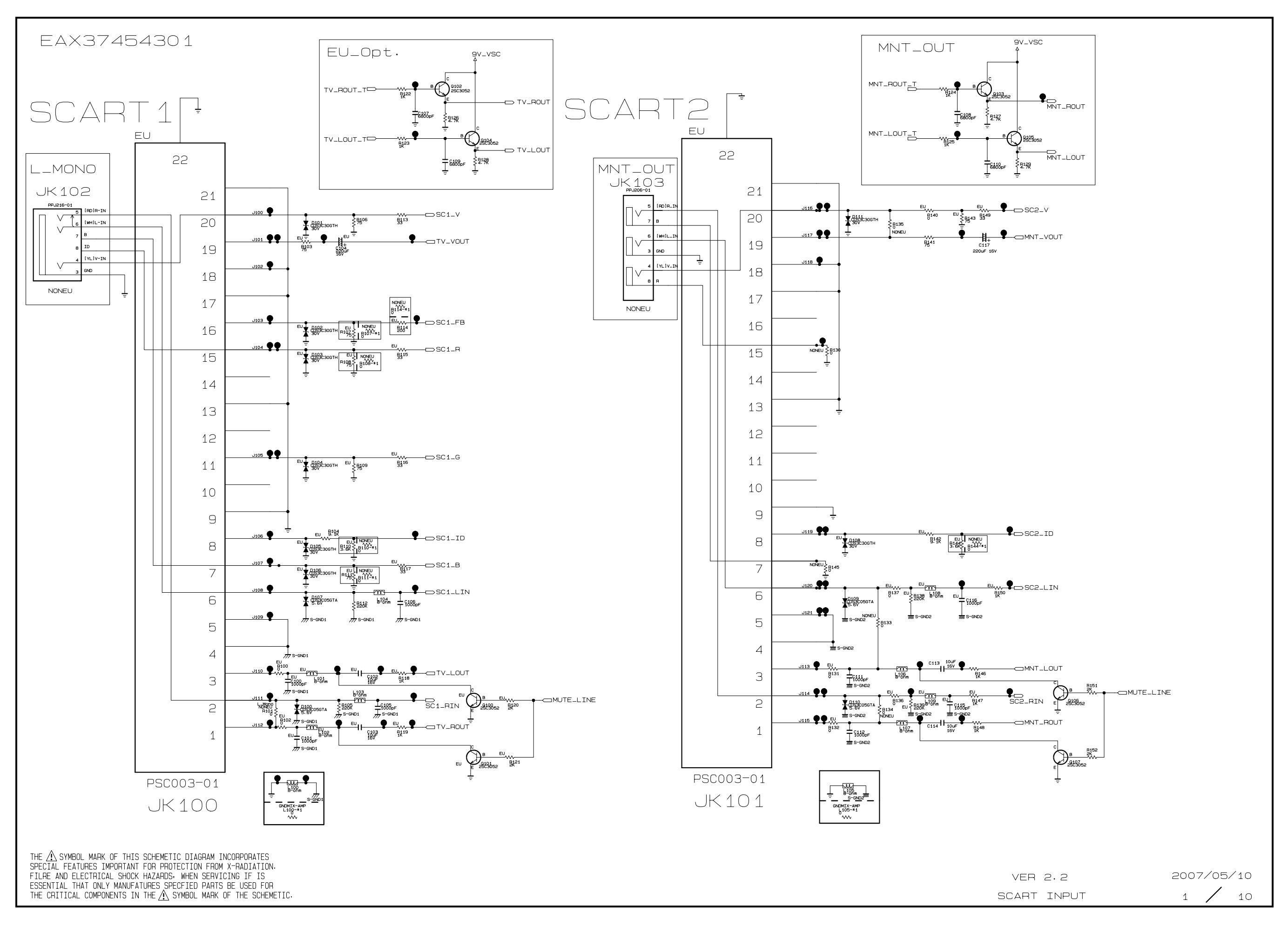
LOCA. NO	PART NO	DESCRIPTION
R511	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W 10
R512	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W 10
R513	0RJ1001C678	MCR01MZPJ102 1KOHM 5% 1/16W 100
R514	0RJ1001C678	MCR01MZPJ102 1KOHM 5% 1/16W 100
R515	0RJ1001C678	MCR01MZPJ102 1KOHM 5% 1/16W 100
R516	0RJ1001C678	MCR01MZPJ102 1KOHM 5% 1/16W 100
R517	0RJ1001C678	MCR01MZPJ102 1KOHM 5% 1/16W 100
R518	0RJ1001C678	MCR01MZPJ102 1KOHM 5% 1/16W 100
R519	0RJ1001C678	MCR01MZPJ102 1KOHM 5% 1/16W 100
R520	0RJ1001C678	MCR01MZPJ102 1KOHM 5% 1/16W 100
R522	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 16
R523	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 16
R524	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 16
R525	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 160
R526	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 160
R527	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 16
R528	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 160
R529	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 16
R530	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 160
R531	0RJ6201D677	MCR03EZPJ622 6.2KOHM 5% 1/10W 1
R532	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 160
R533	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 160
R534	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 16
R535	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 16
R536	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 160
R537	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 160
R538	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 16
R541	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 160
R542	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 160
R543	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 16
R544	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 16
R545	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 16
R546	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 160
R547	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 160
R548	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 160
R549	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 160
R550	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 160
R551	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 160
R552	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 160
R553	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 160
R554	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 16
R555	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 160
R556	0RJ0222D677	MCR03EZPJ220 22OHM 5% 1/10W 160
R557	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 160
R558	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 160
R560	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1
R561	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1
R562	0RJ4702C678	MCR01MZPJ473 47KOHM 5% 1/16W 10
R563	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1
R564	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1
R565	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 16
R566	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 16

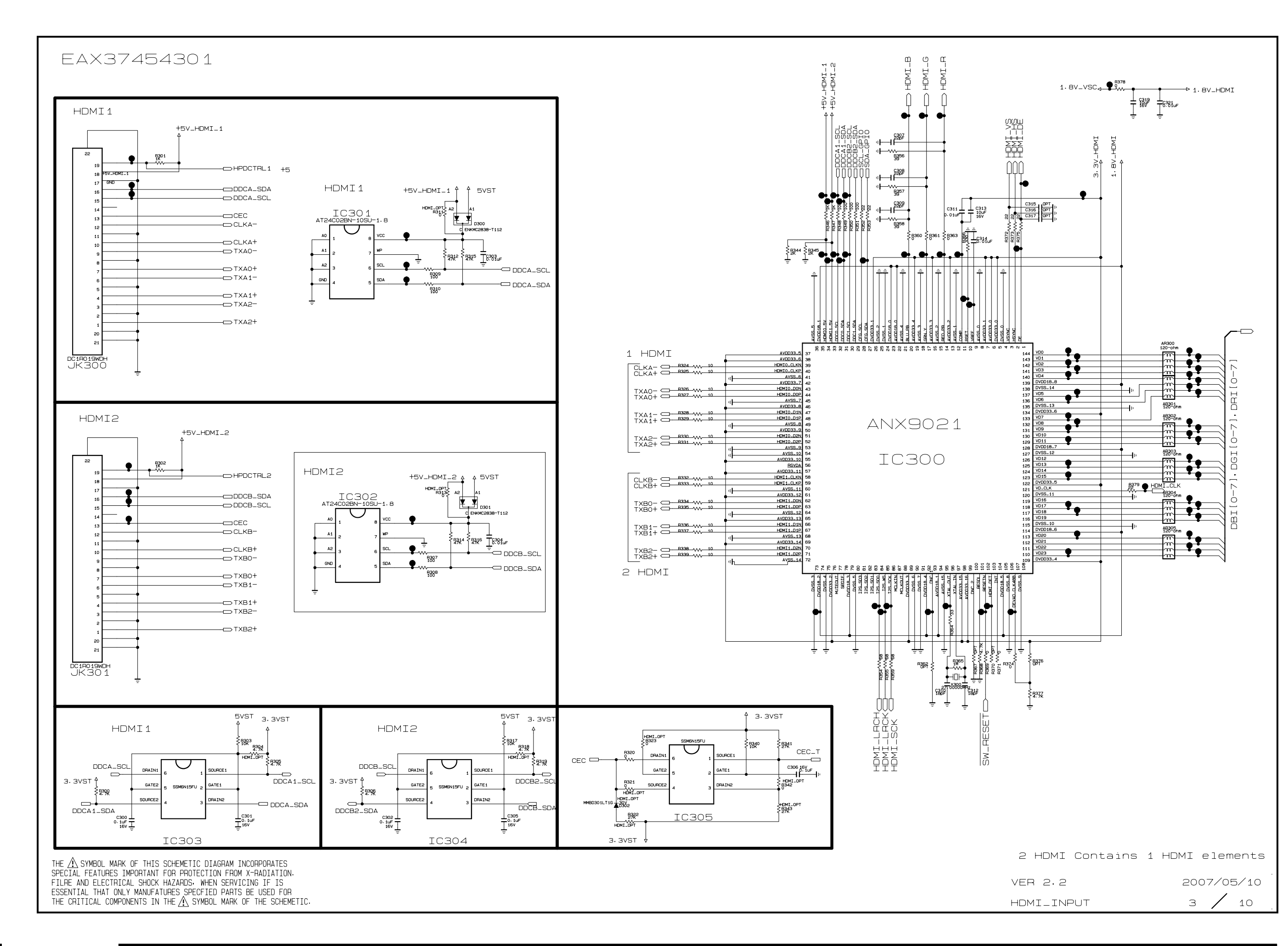
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R567	0RJ8201D677	MCR03EZPJ822 8.2KOHM 5% 1/10W 1
R568	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 160
R570	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608
R600	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 160
R601	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 160
R602	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 16
R603	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 16
R605	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 16
R606	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1
R607	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1
R608	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 16
R609	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 16
R610	0RJ2001D677	MCR03EZPJ202 2KOHM 5% 1/10W 160
R611	0RJ2001D677	MCR03EZPJ202 2KOHM 5% 1/10W 160
R612	0RJ4703D677	MCR03EZPJ474 470KOHM 5% 1/10W 1
R613	0RJ4703D677	MCR03EZPJ474 470KOHM 5% 1/10W 1
R614	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 16
R615	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 16
R617	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 16
R619	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 16
R620	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 16
R621	0RJ2001D677	MCR03EZPJ202 2KOHM 5% 1/10W 160
R622	0RJ3001D677	MCR03EZPJ302 3KOHM 5% 1/10W 160
R623	0RJ3001D677	MCR03EZPJ302 3KOHM 5% 1/10W 160
R624	0RJ2001D677	MCR03EZPJ202 2KOHM 5% 1/10W 160
R625	0RJ2001D677	MCR03EZPJ202 2KOHM 5% 1/10W 160
R626	0RJ2001D677	MCR03EZPJ202 2KOHM 5% 1/10W 160
R627	0RJ3001D677	MCR03EZPJ302 3KOHM 5% 1/10W 160
R628	0RJ3001D677	MCR03EZPJ302 3KOHM 5% 1/10W 160
R629	0RJ1000D677	MCR03EZPJ101 100OHM 5% 1/10W 16
R631	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 16
R633	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 16
R634	0RJ1003D677	MCR03EZPJ104 100KOHM 5% 1/10W 1
R700	0RJ1001D677	MCR03EZPJ102 1KOHM 5% 1/10W 160
R701	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608
R702	0RJ2000D677	MCR03EZPJ201 200OHM 5% 1/10W 16
R703	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1
R704	0RJ0000D677	MCR03EZPJ000 0OHM 5% 1/10W 1608
R705	0RJ0752D677	MCR03EZPJ750 75OHM 5% 1/10W 160
R706	0RJ0752D677	MCR03EZPJ750 75OHM 5% 1/10W 160
R708	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 16
R709	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 16
R710	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 16
R711	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 16
R712	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 16
R713	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 16
R714	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 16
R715	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 16
R716	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 16
R717	0RJ1201D677	MCR03EZPJ122 1.2KOHM 5% 1/10W 1
R718	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 16
R719	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 16

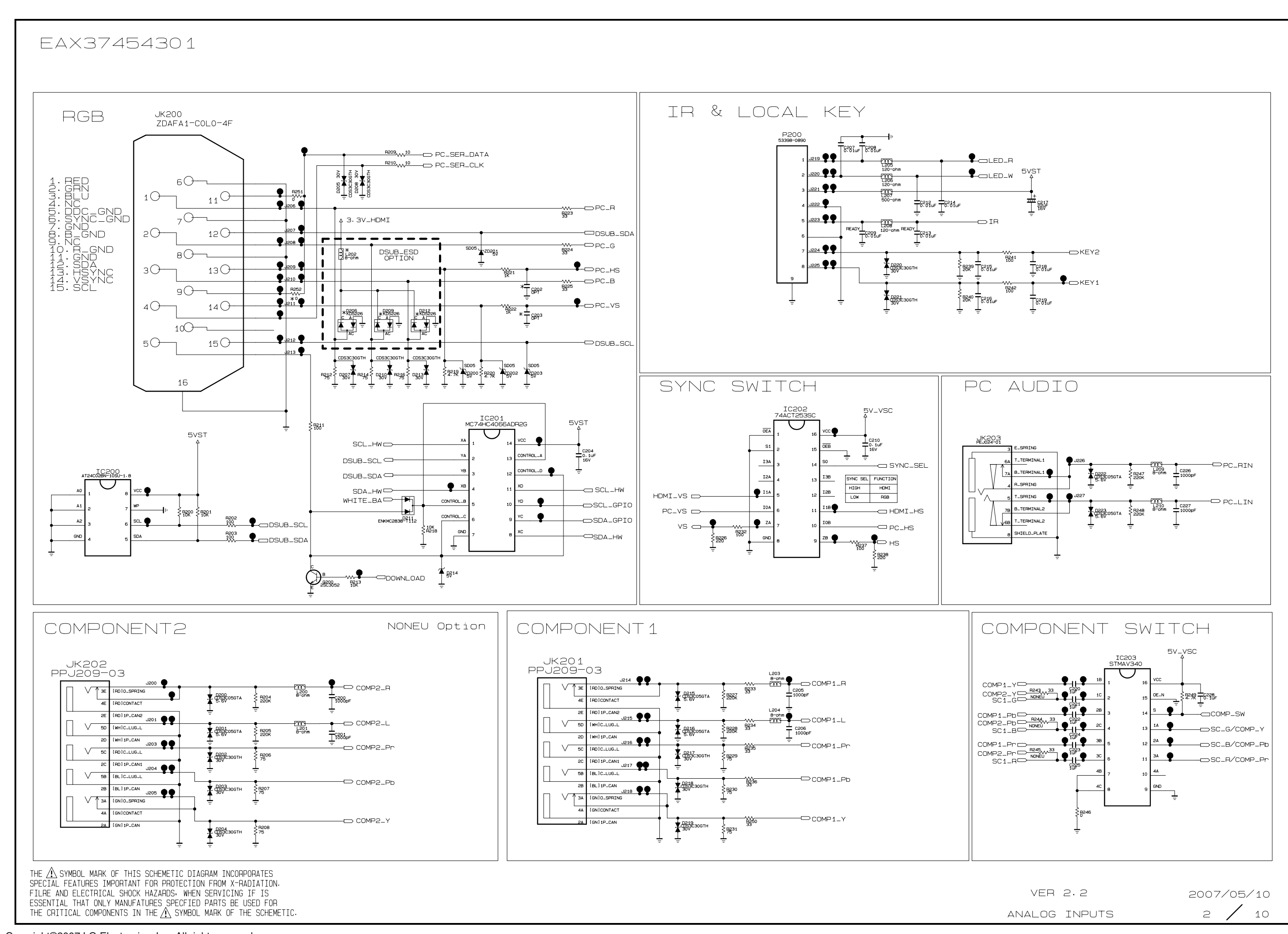
LOCA. NO	PART NO	DESCRIPTION
R720	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 16
R721	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 16
R800	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1
R801	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1
R802	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1
R803	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1
R804	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1
R805	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1
R806	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1
R807	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1
R808	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1
R809	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1
R810	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1
R811	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1
R812	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 16
R813	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 16
R814	0RJ0102D677	MCR03EZPJ100 10OHM 5% 1/10W 160
R815	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1
R816	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1
R816	0RJ1003D677	MCR03EZPJ104 100KOHM 5% 1/10W 1
R817	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1
R820	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 160
R821	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 160
R823	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1
R824	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1
R825	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1
R826	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1
R827	0RJ4701D677	MCR03EZPJ472 4.7KOHM 5% 1/10W 1
R900	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 16
R901	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 160
R903	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W 1
R904	0RJ4701C678	MCR01MZPJ472 4.7KOHM 5% 1/16W 1
R907	0RJ0472D677	MCR03EZPJ470 47OHM 5% 1/10W 160
R908	0RJ0102D677	MCR03EZPJ100 10OHM 5% 1/10W 160
R909	0RJ0472C678	MCR01MZPJ470 47OHM 5% 1/16W 100
R910	0RJ1002C678	MCR01MZPJ103 10KOHM 5% 1/16W 10
R911	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 16
R912	0RJ1002D677	MCR03EZPJ103 10KOHM 5% 1/10W 16
R915	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W 10
R916	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W 10
R917	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W 10
R918	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W 10
R919	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W 10
R920	0RJ1000C678	MCR01MZPJ101 100OHM 5% 1/16W 10
SWITCH		
SW101	140-313B	Switch,Tact KPT-1115AM 1C1P
SW102	140-313B	Switch,Tact KPT-1115AM 1C1P
SW103	140-313B	Switch,Tact KPT-1115AM 1C1P
SW104	140-313B	Switch,Tact KPT-1115AM 1C1P
SW105	140-313B	Switch,Tact KPT-1115AM 1C1P
SW106	140-313B	Switch,Tact KPT-1115AM 1C1P

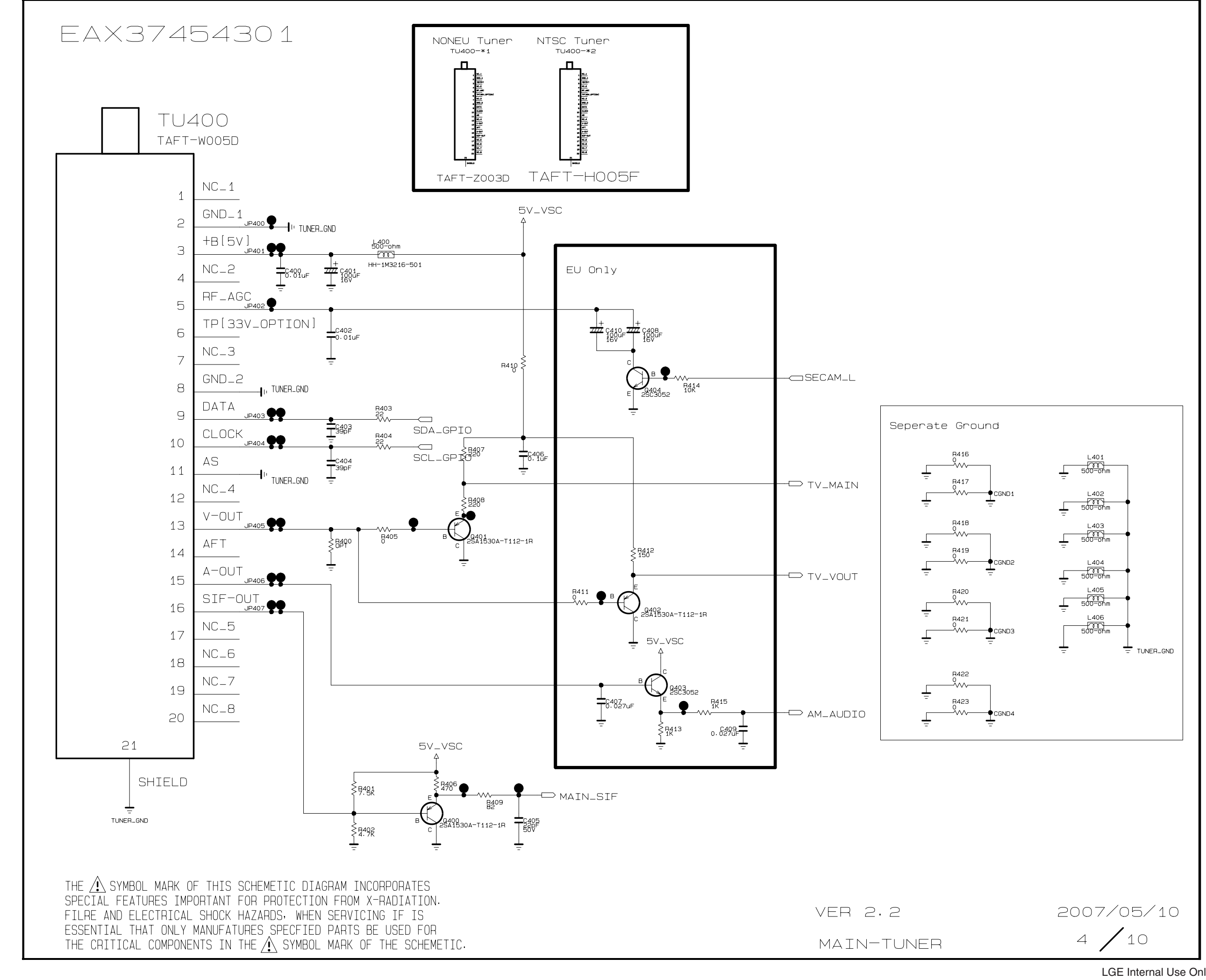
LOCA. NO	PART NO	DESCRIPTION
SW107	140-313B	Switch,Tact KPT-1115AM 1C1P
SW108	140-313B	Switch,Tact KPT-1115AM 1C1P
SW500	6600VR1004A	Switch,Tact SKHMPWE010 1C1P
FILTER & CRYSTAL		
AR300	6210TCE002B	Filter,Bead HB-4M3216-121JT 120OHM
AR301	6210TCE002B	Filter,Bead HB-4M3216-121JT 120OHM
AR302	6210TCE002B	Filter,Bead HB-4M3216-121JT 120OHM
AR303	6210TCE002B	Filter,Bead HB-4M3216-121JT 120OHM
AR304	6210TCE002B	Filter,Bead HB-4M3216-121JT 120OHM
AR305	6210TCE002B	Filter,Bead HB-4M3216-121JT 120OHM
F1	6210VH0004A	Filter,Ferrite Core 6210VH0004A 100OHM
L100	6210TCE001A	Filter,Bead HB-1S2012-080JT 8OHM 2X
L1000	6200J000132	Filter,LCR CNH20T105M EMI 0HZ 1uF
L1001	6200J00005R	Filter,Bead HB-1M1608-501JT 500OHM
L1002	6200J00005R	Filter,Bead HB-1M1608-501JT 500OHM
L1003	6200J00005R	Filter,Bead HB-1M1608-501JT 500OHM
L1004	6200J00005R	Filter,Bead HB-1M1608-501JT 500OHM
L1005	6200J00005R	Filter,Bead HB-1M1608-501JT 500OHM
L1006	6200J00005R	Filter,Bead HB-1M1608-501JT 500OHM
L1007	6200J00005R	Filter,Bead HB-1M1608-501JT 500OHM
L1008	6200J00005R	Filter,Bead HB-1M1608-501JT 500OHM
L1009	6200J00005R	Filter,Bead HB-1M1608-501JT 500OHM
L103	6210TCE001A	Filter,Bead HB-1S2012-080JT 8OHM 2X
L104	6210TCE001A	Filter,Bead HB-1S2012-080JT 8OHM 2X
L105	6210TCE001A	Filter,Bead HB-1S2012-080JT 8OHM 2X
L106	6210TCE001A	Filter,Bead HB-1S2012-080JT 8OHM 2X
L107	6210TCE001A	Filter,Bead HB-1S2012-080JT 8OHM 2X
L200	6210TCE001A	Filter,Bead HB-1S2012-080JT 8OHM 2X
L201	6210TCE001A	Filter,Bead HB-1S2012-080JT 8OHM 2X
L202	6210TCE001A	Filter,Bead HB-1S2012-080JT 8OHM 2X
L203	6210TCE001A	Filter,Bead HB-1S2012-080JT 8OHM 2X
L204	6210TCE001A	Filter,Bead HB-1S2012-080JT 8OHM 2X
L205	6200J00005N	Filter,Bead HH-1M2012-121JT(H:1mm)
L206	6200J00005N	Filter,Bead HH-1M2012-121JT(H:1mm)
L207	6210TCE001G	Filter,Bead HH-1M3216-501JT 500OHM
L208	6200J00005N	Filter,Bead HH-1M2012-121JT(H:1mm)
L209	6210TCE001A	Filter,Bead HB-1S2012-080JT 8OHM 2X
L210	6210TCE001A	Filter,Bead HB-1S2012-080JT 8OHM 2X
L400	6210TCE001G	Filter,Bead HH-1M3216-501JT 500OHM
L400	6210TCE001G	Filter,Bead HH-1M3216-501JT 500OHM
L401	6200J00005R	Filter,Bead HB-1M1608-501JT 500OHM
L402	6200J00005R	Filter,Bead HB-1M1608-501JT 500OHM
L403	6200J00005R	Filter,Bead HB-1M1608-501JT 500OHM
L404	6200J00005R	Filter,Bead HB-1M1608-501JT 500OHM
L405	6200J00005R	Filter,Bead HB-1M1608-501JT 500OHM
L406	6200J00005R	Filter,Bead HB-1M1608-501JT 500OHM
L500	6210TCE001G	Filter,Bead HH-1M3216-501JT 500OHM
L501	6210TCE001G	Filter,Bead HH-1M3216-501JT 500OHM
L502	6210TCE001B	Filter,Bead HH-1H3216-500JT 50OHM 3
L503	6210TCE001B	Filter,Bead HH-1H3216-500JT 50OHM 3
L504	6210TCE001B	Filter,Bead HH-1H3216-500JT 50OHM 3

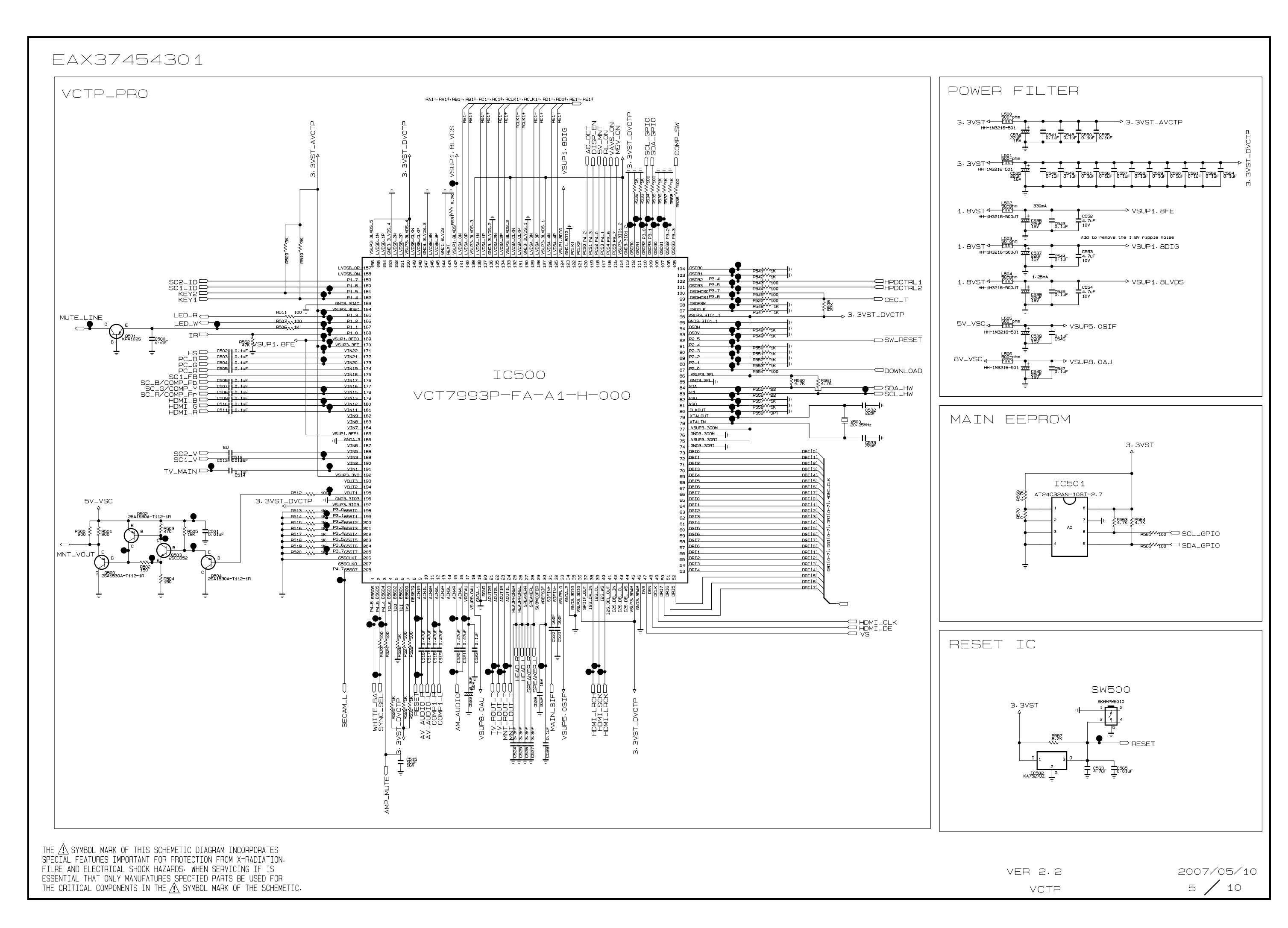
LOCA. NO	PART NO	DESCRIPTION
L505	6210TCE001G	Filter,Bead HH-1M3216-501JT 500OHM
L506	6210TCE001G	Filter,Bead HH-1M3216-501JT 500OHM
L604	6210TCE001P	Filter,Bead HB-1S2012-121JT(H:1mm)
L605	6210TCE001P	Filter,Bead HB-1S2012-121JT(H:1mm)
L606	6210TCE001G	Filter,Bead HH-1M3216-501JT 500OHM
L607	6210TCE001G	Filter,Bead HH-1M3216-501JT 500OHM
L609	6210TCE001P	Filter,Bead HB-1S2012-121JT(H:1mm)
L611	6210TCE001P	Filter,Bead HB-1S2012-121JT(H:1mm)
L612	6210TCE001G	Filter,Bead HH-1M3216-501JT 500OHM
L613	6210TCE001G	Filter,Bead HH-1M3216-501JT 500OHM
L614	6210TCE001G	Filter,Bead HH-1M3216-501JT 500OHM
L700	6210TCE001G	Filter,Bead HH-1M3216-501JT 500OHM
L701	6210TCE001B	Filter,Bead HH-1H3216-500JT 50OHM 3
L702	6210TCE001G	Filter,Bead HH-1M3216-501JT 500OHM
L703	6210TCE001G	Filter,Bead HH-1M3216-501JT 500OHM
L704	6210TCE001G	Filter,Bead HH-1M3216-501JT 500OHM
L705	6210TCE001G	Filter,Bead HH-1M3216-501JT 500OHM
L706	6210TCE001G	Filter,Bead HH-1M3216-501JT 500OHM
L707	6210TCE001G	Filter,Bead HH-1M3216-501JT 500OHM
L800	6200J000132	Filter,LCR CNH20T105M EMI 0HZ 1uF
L801	6200J000132	Filter,LCR CNH20T105M EMI 0HZ 1uF
L802	6210TCE001G	Filter,Bead HH-1M3216-501JT 500OHM
L803	6210TCE001G	Filter,Bead HH-1M3216-501JT 500OHM
L804	6200J000132	Filter,LCR CNH20T105M EMI 0HZ 1uF
R416	6200J00005R	Filter,Bead HB-1M1608-501JT 500OHM
R417	6200J00005R	Filter,Bead HB-1M1608-501JT 500OHM
R418	6200J00005R	Filter,Bead HB-1M1608-501JT 500OHM
R419	6200J00005R	Filter,Bead HB-1M1608-501JT 500OHM
R420	6200J00005R	Filter,Bead HB-1M1608-501JT 500OHM
R421	6200J00005R	Filter,Bead HB-1M1608-501JT 500OHM
R422	6200J00005R	Filter,Bead HB-1M1608-501JT 500OHM
R423	6200J00005R	Filter,Bead HB-1M1608-501JT 500OHM
X300	6212AB2883A	Crystal,HC-49SM 27.00000MHZ
X500	6202VDT002P	Crystal,HC-49/SM 20.25000MHZ
X501	6212AB4006B	Crystal,SCO-103S 50MHZ 50PPM
MISCELLANEOUS		
IC01	SAA31059402	S/W,Firmware,2.01 E4FB
IC100	6712000014A	Receiver Module,KSM-2013TH2A
IC805	0IZZQ00010A	Sensor,Temperature ADT75ARZ
TU400	EBL41088203	Tuner,Tuner/Modulator TAFT-H006F
ACCESSORIES		
A1	MFL36546207	Manual,Owners PRINTING PP78C .
A2	AKB34907201	Remote Controller Assembly
A3	EAD36401701	Power Cord *LGEPS, LGECB
A3	EAD36223101	Power Cord *LGEPR
A3	EAD36431701	Power Cord *LGECL
A4	341-690C	Holder,MOLD ABS LEAD WIRE -
A5	4950TKA320A	Plate,PRESS SBHG T1.2 SUPPORT UPSET
A6	MAZ39574101	Bracket,MOLD ABS COVER 32PC5 - ABS


EAX37454301
SCART1
SCART2
EU_Opt.
MNT_OUT
L_MONO
JK102
JK103
PSC003-01
JK100
JK101
THE SYMBOL MARK OF THIS SCHEMETIC DIAGRAM INCORPORATES SPECIAL FEATURES IMPORTANT FOR PROTECTION FROM X-RADIATION, FILRE AND ELECTRICAL SHOCK HAZARDS, WHEN SERVICING IF IS ESSENTIAL THAT ONLY MANUFATURES SPECFIED PARTS BE USED FOR THE CRITICAL COMPONENTS IN THE SYMBOL MARK OF THE SCHEMETIC.
VER 2.2
2007/05/10
SCART INPUT
1 / 10

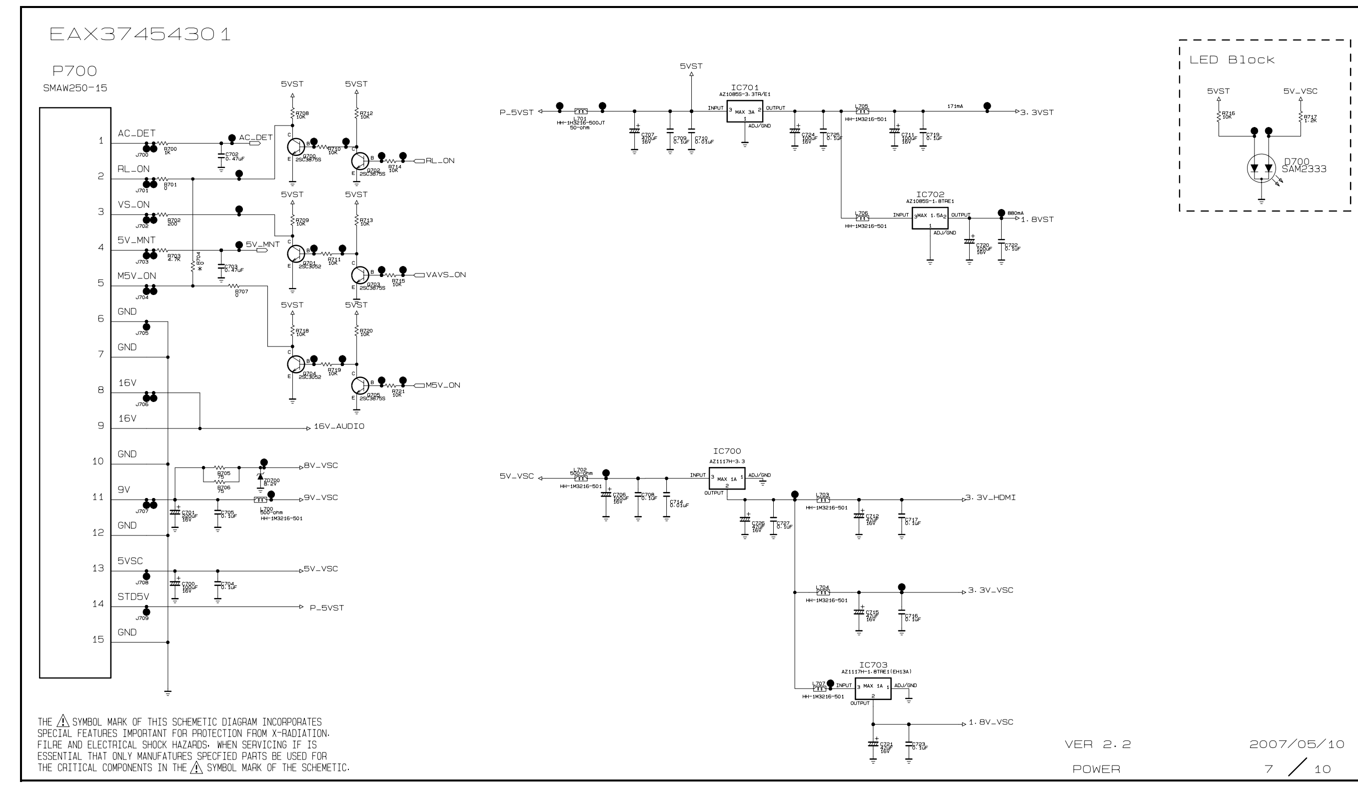

EAX37454301
HDMI1
HDMI2
JK300
JK301
IC301
IC302
IC303
IC304
IC305
ANX9021
IC300
1 HDMI
2 HDMI
2 HDMI Contains 1 HDMI elements
THE SYMBOL MARK OF THIS SCHEMETIC DIAGRAM INCORPORATES SPECIAL FEATURES IMPORTANT FOR PROTECTION FROM X-RADIATION, FILRE AND ELECTRICAL SHOCK HAZARDS, WHEN SERVICING IF IS ESSENTIAL THAT ONLY MANUFATURES SPECFIED PARTS BE USED FOR THE CRITICAL COMPONENTS IN THE SYMBOL MARK OF THE SCHEMETIC.
VER 2.2
2007/05/10
HDMI_INPUT
3 / 10


EAX37454301
RGB
IR & LOCAL KEY
SYNC SWITCH
PC AUDIO
COMPONENT2
NONEU Option
COMPONENT1
COMPONENT SWITCH
JK200
JK201
JK202
IC201
IC202
IC203
THE SYMBOL MARK OF THIS SCHEMETIC DIAGRAM INCORPORATES SPECIAL FEATURES IMPORTANT FOR PROTECTION FROM X-RADIATION, FILRE AND ELECTRICAL SHOCK HAZARDS, WHEN SERVICING IF IS ESSENTIAL THAT ONLY MANUFATURES SPECFIED PARTS BE USED FOR THE CRITICAL COMPONENTS IN THE SYMBOL MARK OF THE SCHEMETIC.
VER 2.2
2007/05/10
ANALOG INPUTS
2 / 10

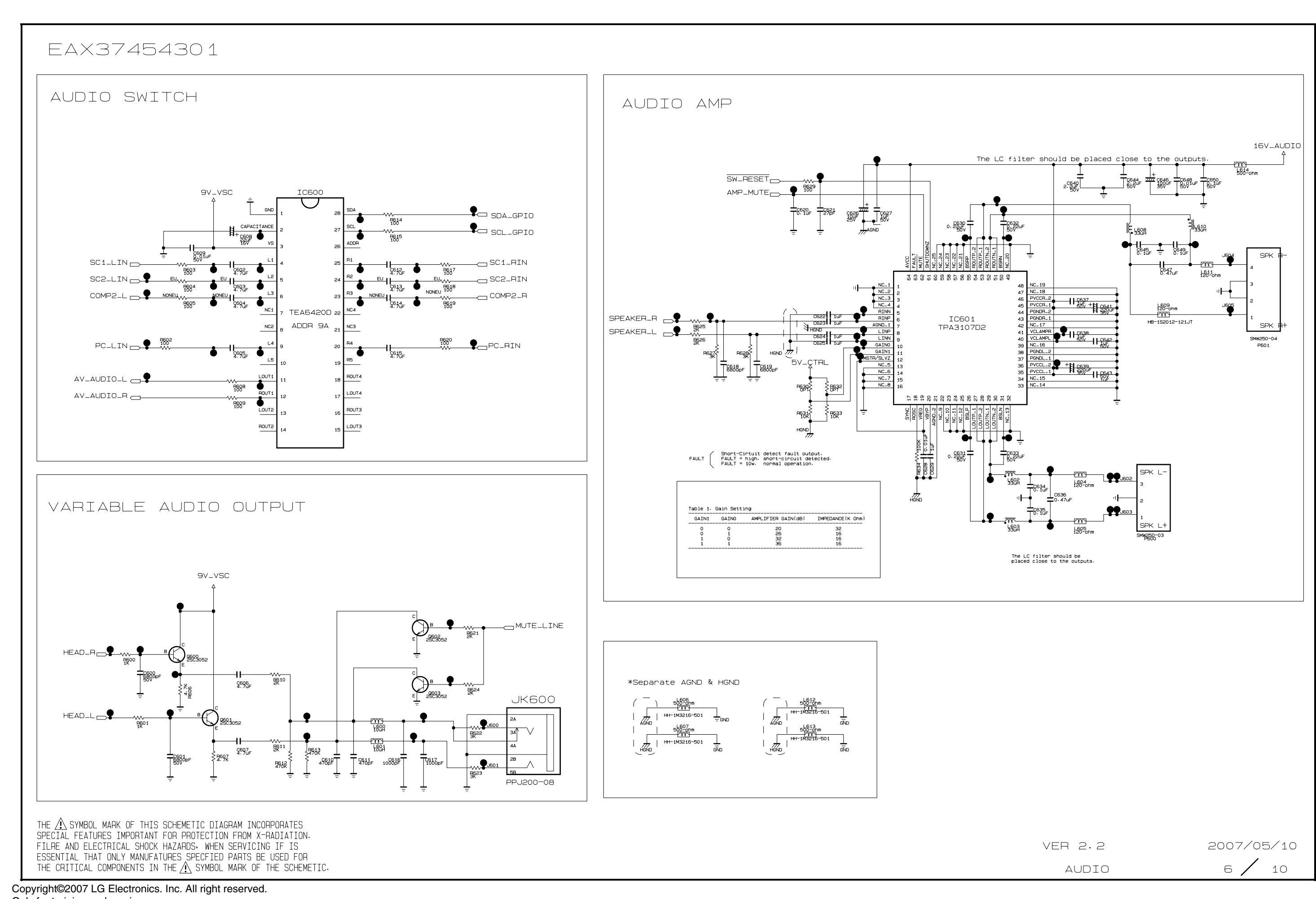

EAX37454301
NONEU Tuner
NTSC Tuner
TAFT-Z003D
TAFT-H005F
TU400
TAFT-W005D
NC_1
GND_1
+B[5V]
NC_2
RF_AGC
TP[33V_OPTION]
NC_3
GND_2
DATA
CLOCK
AS
NC_4
V-OUT
AFT
A-OUT
SIF-OUT
NC_5
NC_6
NC_7
NC_8
SHIELD
5V_VSC
EU Only
SECAM_L
TV_MAIN
TV_VOUT
AM_AUDIO
MAIN_SIF
Seperate Ground
THE SYMBOL MARK OF THIS SCHEMETIC DIAGRAM INCORPORATES SPECIAL FEATURES IMPORTANT FOR PROTECTION FROM X-RADIATION, FILRE AND ELECTRICAL SHOCK HAZARDS, WHEN SERVICING IF IS ESSENTIAL THAT ONLY MANUFATURES SPECFIED PARTS BE USED FOR THE CRITICAL COMPONENTS IN THE SYMBOL MARK OF THE SCHEMETIC.
VER 2.2
2007/05/10
MAIN-TUNER
4 / 10



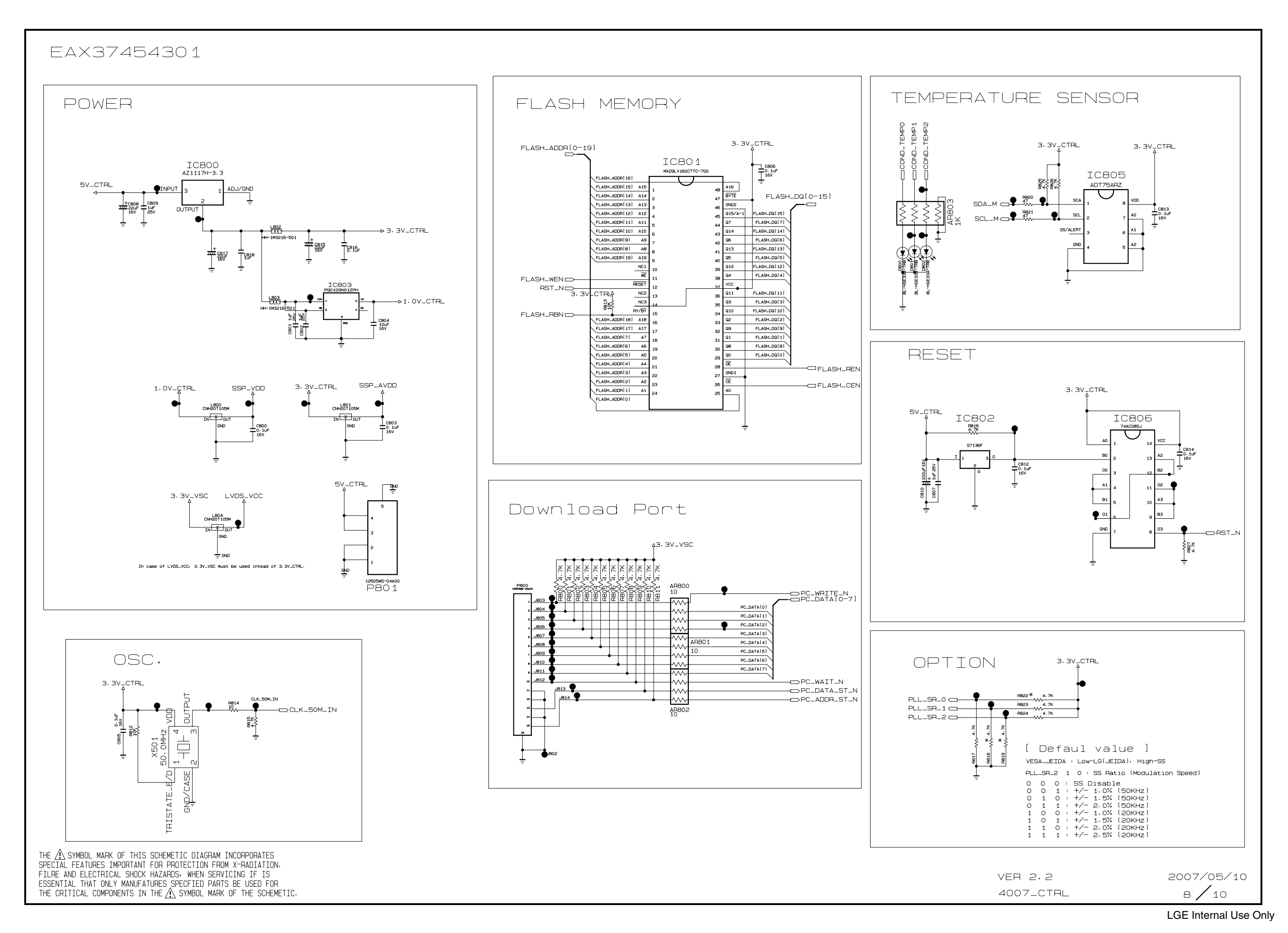
EAX37454301
VCTP_PRO
IC500
VCT7993P-FA-A1-H-000
POWER FILTER
3.3VST_AVCTP
3.3VST_DVCTP
VSUP1.8FE
VSUP1.8DIG
VSUP1.8LVDS
VSUP5.0SIF
VSUP8.0AU
MAIN EEPROM
IC501
SCL_GPIO
SDA_GPIO
RESET IC
SW500
RESET
MUTE_LINE
LED_R
LED_W
TV_MAIN
MNT_VOUT
SDA_HM
SCL_HM
DOWNLOAD
SW_RESET
HDMI_CLK
HDMI_DE
VS
THE SYMBOL MARK OF THIS SCHEMETIC DIAGRAM INCORPORATES SPECIAL FEATURES IMPORTANT FOR PROTECTION FROM X-RADIATION. FILRE AND ELECTRICAL SHOCK HAZARDS. WHEN SERVICING IF IS ESSENTIAL THAT ONLY MANUFATURES SPECFIED PARTS BE USED FOR THE CRITICAL COMPONENTS IN THE SYMBOL MARK OF THE SCHEMETIC.
VER 2.2
2007/05/10
VCTP
5 / 10



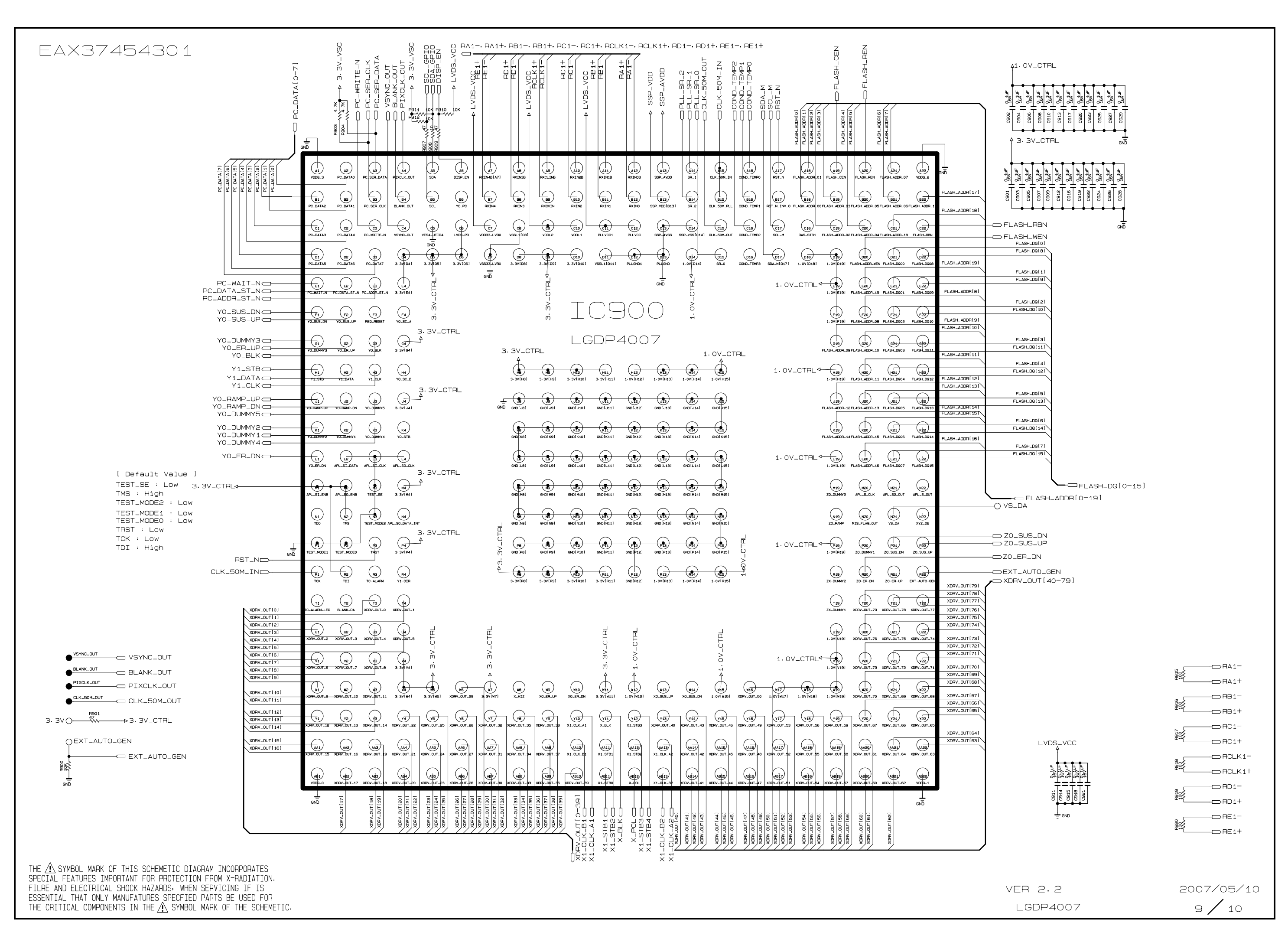
EAX37454301
P700
SMAW250-15
AC_DET
RL_ON
VS_ON
5V_MNT
M5V_ON
GND
16V
9V
5VSC
STD5V
IC701
IC702
IC700
IC703
3.3VST
1.8VST
3.3V_HDMI
3.3V_VSC
1.8V_VSC
16V_AUDIO
8V_VSC
9V_VSC
5V_VSC
P_5VST
VAVS_ON
M5V_ON
LED Block
D700
SAM2333
THE SYMBOL MARK OF THIS SCHEMETIC DIAGRAM INCORPORATES SPECIAL FEATURES IMPORTANT FOR PROTECTION FROM X-RADIATION. FILRE AND ELECTRICAL SHOCK HAZARDS. WHEN SERVICING IF IS ESSENTIAL THAT ONLY MANUFATURES SPECFIED PARTS BE USED FOR THE CRITICAL COMPONENTS IN THE SYMBOL MARK OF THE SCHEMETIC.
VER 2.2
2007/05/10
POWER
7 / 10

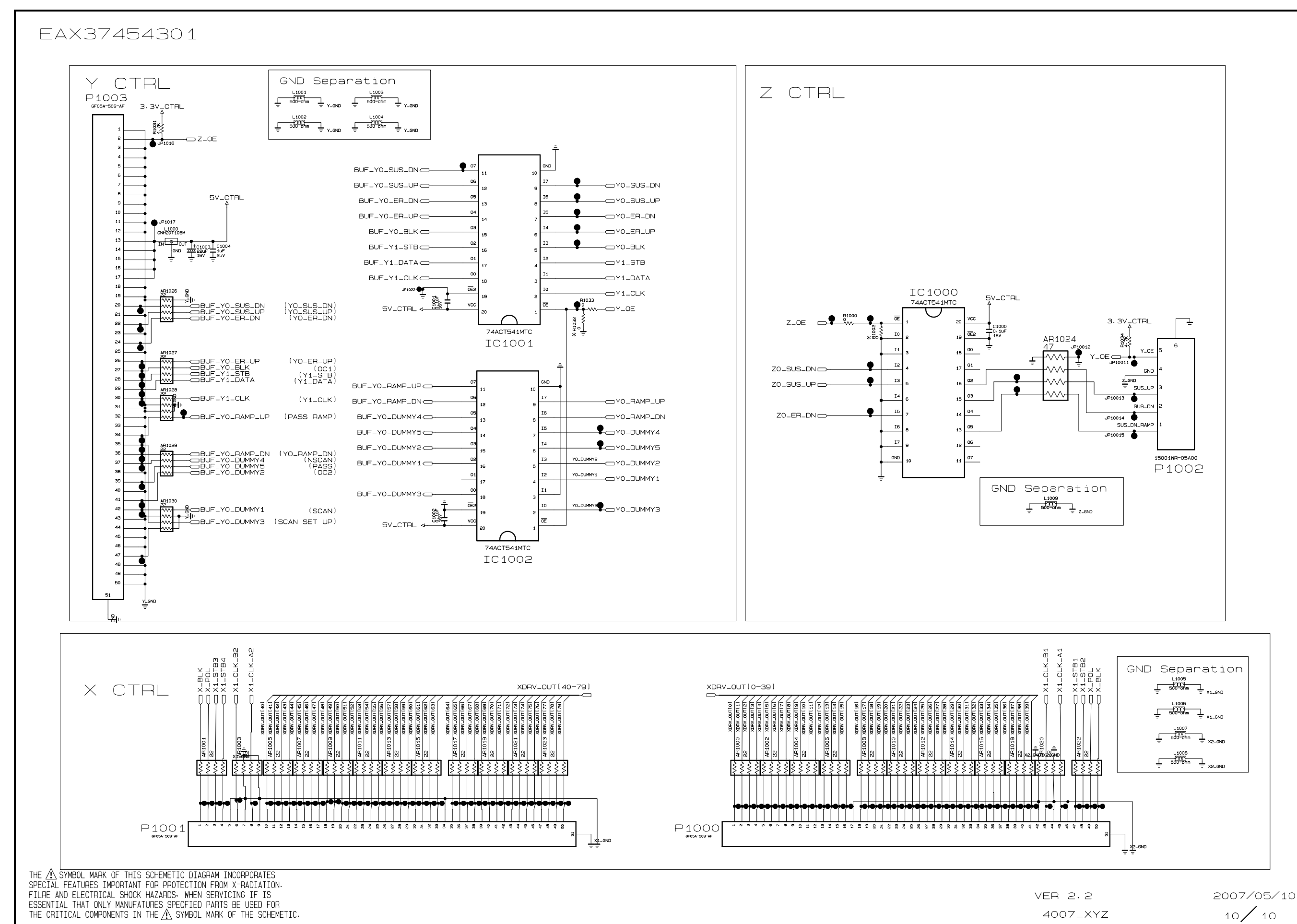


EAX37454301
AUDIO SWITCH
IC600
TEA6420D
ADDR 9A
SDA_GPIO
SCL_GPIO
SC1_LIN
SC2_LIN
COMP2_L
PC_LIN
AV_AUDIO_L
AV_AUDIO_R
SC1_RIN
SC2_RIN
COMP2_R
PC_RIN
AUDIO AMP
IC601
TPA3107D2
SW_RESET
AMP_MUTE
SPEAKER_R
SPEAKER_L
16V_AUDIO
The LC filter should be placed close to the outputs.
VARIABLE AUDIO OUTPUT
9V_VSC
HEAD_R
HEAD_L
MUTE_LINE
JK600
PPJ200-08
*Separate AGND & HGND
THE SYMBOL MARK OF THIS SCHEMETIC DIAGRAM INCORPORATES SPECIAL FEATURES IMPORTANT FOR PROTECTION FROM X-RADIATION. FILRE AND ELECTRICAL SHOCK HAZARDS. WHEN SERVICING IF IS ESSENTIAL THAT ONLY MANUFATURES SPECFIED PARTS BE USED FOR THE CRITICAL COMPONENTS IN THE SYMBOL MARK OF THE SCHEMETIC.
VER 2.2
2007/05/10
AUDIO
6 / 10

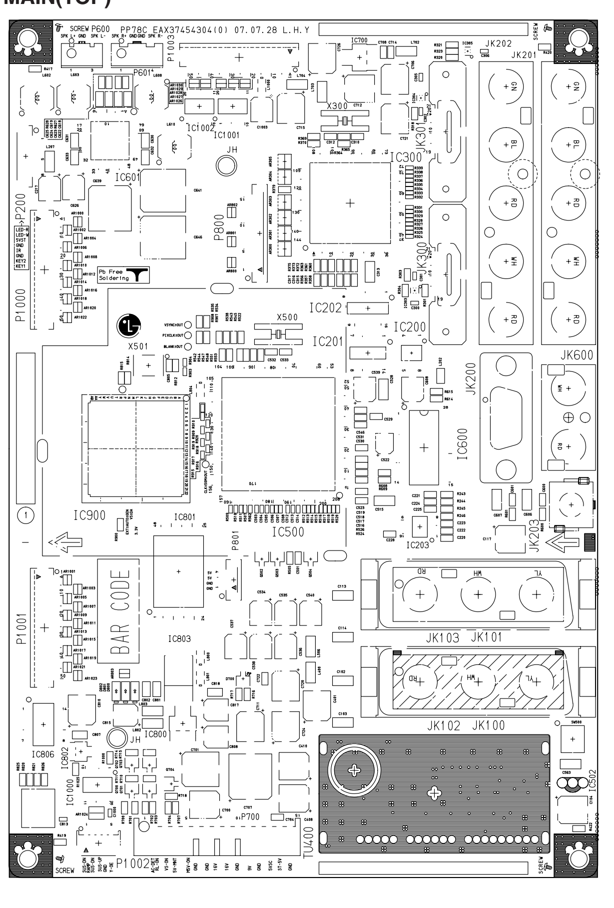


EAX37454301
POWER
IC800
5V_CTRL
3.3V_CTRL
IC803
1.0V_CTRL
SSP_VDD
SSP_4VDD
LVDS_VCC
P801
FLASH MEMORY
IC801
FLASH_ADDR[0-19]
FLASH_DQ[0-15]
FLASH_WEN
RST_N
FLASH_RBN
FLASH_REN
FLASH_CEN
TEMPERATURE SENSOR
IC805
AD7414ARZ
SDA_M
SCL_M
RESET
IC802
IC806
RST_N
Download Port
PC_WRITE_N
PC_DATA[0-7]
PC_WAIT_N
PC_DATA_ST_N
PC_ADDR_ST_N
OSC.
X501
50.0MHz
CLK_50M_IN
OPTION
PLL_SR_0
PLL_SR_1
PLL_SR_2
[Defaul value]
THE SYMBOL MARK OF THIS SCHEMETIC DIAGRAM INCORPORATES SPECIAL FEATURES IMPORTANT FOR PROTECTION FROM X-RADIATION. FILRE AND ELECTRICAL SHOCK HAZARDS. WHEN SERVICING IF IS ESSENTIAL THAT ONLY MANUFATURES SPECFIED PARTS BE USED FOR THE CRITICAL COMPONENTS IN THE SYMBOL MARK OF THE SCHEMETIC.
VER 2.2
2007/05/10
4007_CTRL
8 / 10

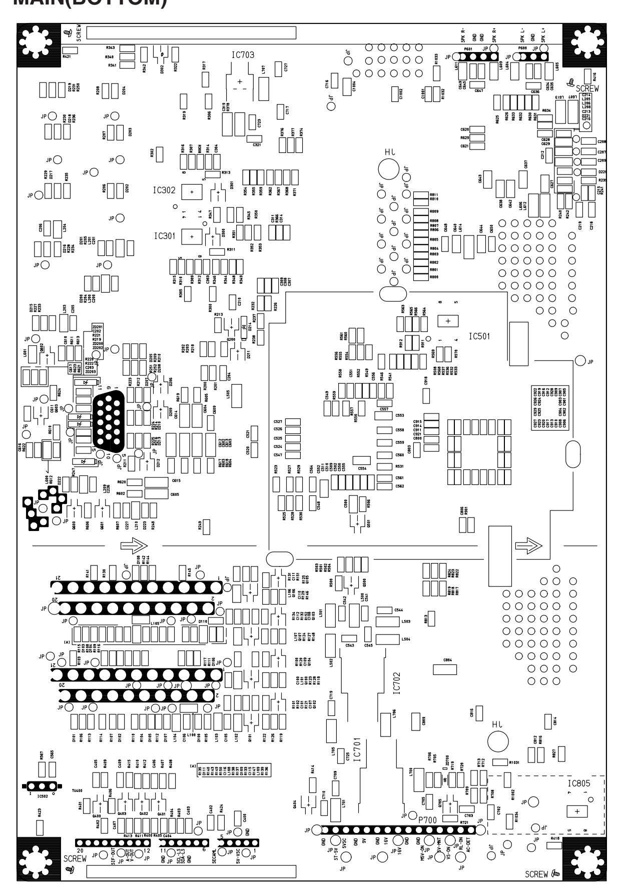

EAX37454301
IC900
LGDP4007
VER 2.2
2007/05/10
LGDP4007
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EAX37454301
Y CTRL
P1003
GND Separation
IC1001
IC1002
Z CTRL
IC1000
P1002
X CTRL
P1001
P1000
VER 2.2
2007/05/10
4007_XYZ
10 / 10

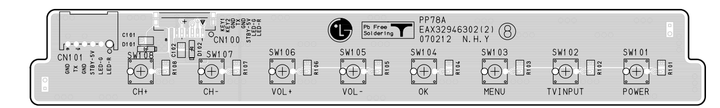
MAIN(TOP)



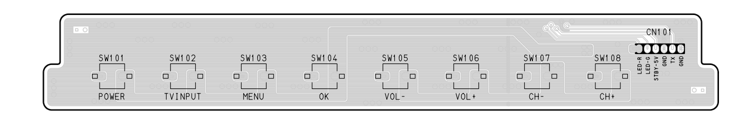
MAIN(BOTTOM)



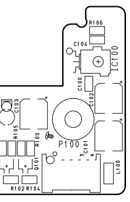
CONTROL(TOP)



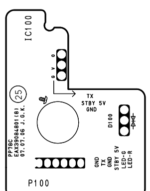
CONTROL(BOTTOM)



PRE-AMP(TOP)



PRE-AMP(BOTTOM)





Aug., 2007
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